

Generirana AI video lekcija vs. snimana video lekcija

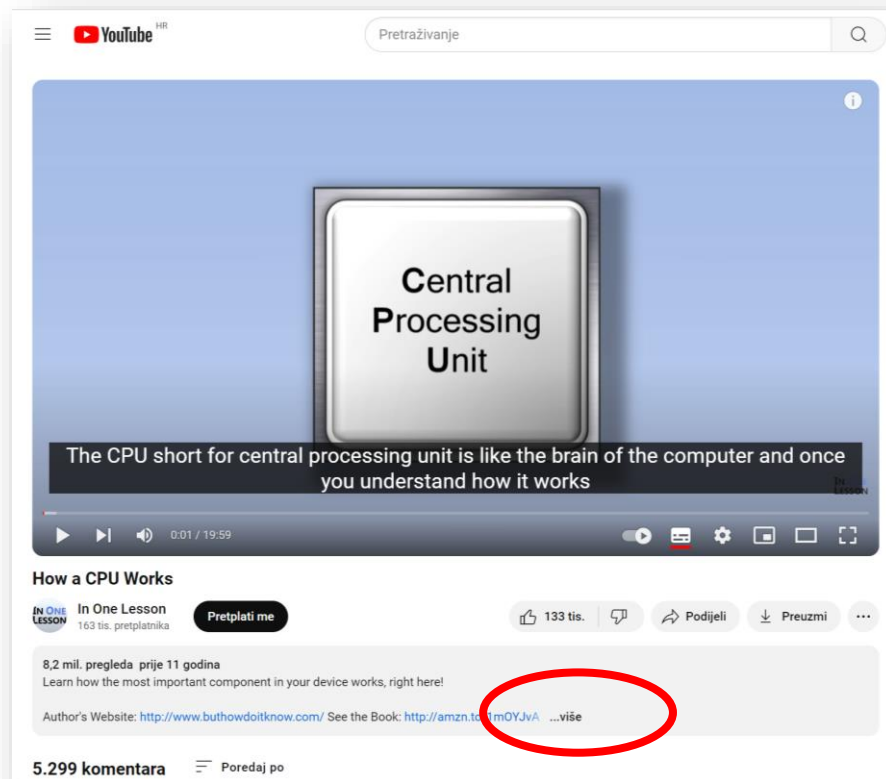
Dario Kukuljan

Programi korišteni u predavanju

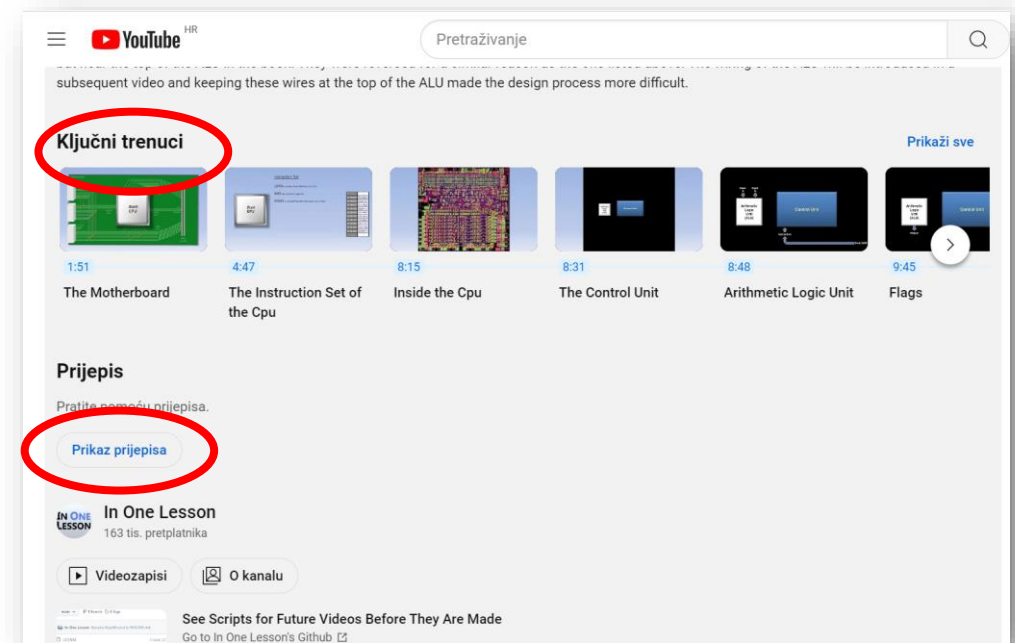
- **YouTube** - <https://www.youtube.com/>
- **Chatgpt** - <https://chatgpt.com/> - generiranje ppt iz youtuba
- **invideo AI** - <https://ai.invideo.io/> - stvaranje videa iz 10-ak ključnih riječi
- **Synthesia** - <app.synthesia.io/> - stvaranje videa iz ppt korištenje text to speech avatara
- **Maestra AI** - <app.maestra.ai/> - izrada podnaslova (titlova) iz videa
- **Youtube studio** - <studio.youtube.com/> - dodavanje poglavlja, titlovanje
- **Speechify** - <studio.speechify.com/> - kloniranje glasa

YouTube - <https://www.youtube.com/>

- Primjer YouTuba sa poglavljima i prijepisom titlova
 - **How a CPU Works** - https://www.youtube.com/watch?v=cNN_tTXABUA



The screenshot shows a YouTube video player for the video 'How a CPU Works'. The video title is 'How a CPU Works' and the channel is 'In One Lesson'. The video has 163 thousand subscribers and 8.2 million views. The video player shows a central image of a CPU with the text 'Central Processing Unit' and a subtitle: 'The CPU short for central processing unit is like the brain of the computer and once you understand how it works'. The video progress bar shows 0:01 / 19:59. Below the video player, there are options to like, comment, share, and download. The author's website and book information are also visible.



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Chatgpt 40- <https://chatgpt.com/>

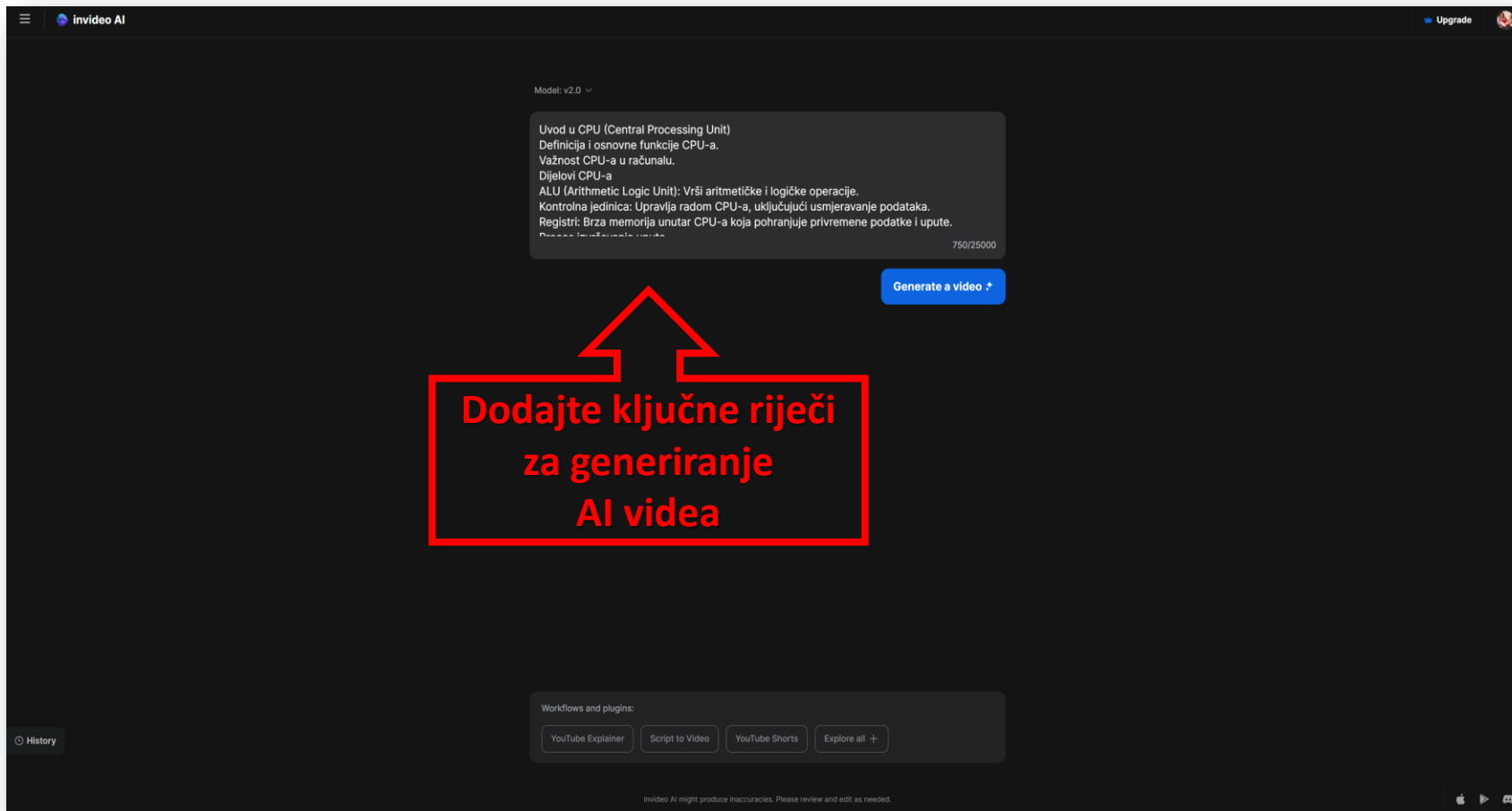
- Generiraj mi ppt iz https://www.youtube.com/watch?v=cNN_tTXABUA
{<https://chatgpt.com/c/65aa88d1-09a5-4c78-a937-e5e8a11d720d>}

invideo AI

- Prezentacija je na engleskom :-(Napravi mi je na hrvatskom
- *Dodaj mi pozadine na prezentaciju u skladu sa sadržajem prezentacije
- *Generiraj mi avatara koji će čitati tekst sa prezentacije
- **Muškarac, 40 godina, profesor, odjeća: ležerna, pozadina: informatička tema

invideo AI - stvaranje videa iz ideje

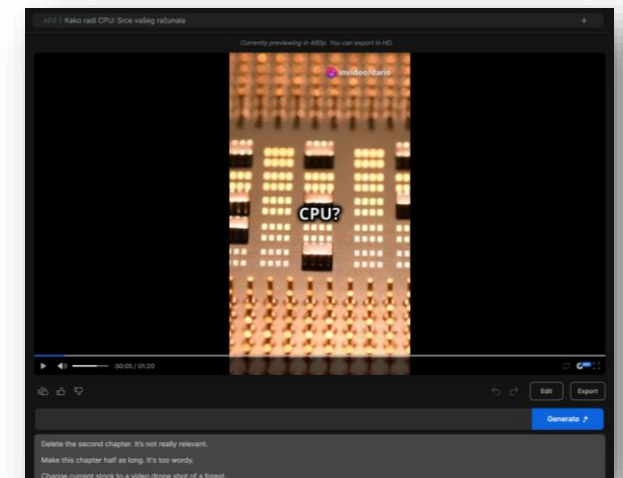
- <https://ai.invideo.io/>



The screenshot shows the Invideo AI web interface. At the top left, there is a menu icon and the text 'invideo AI'. At the top right, there is an 'Upgrade' button and a user profile icon. Below the header, there is a text input area with a dropdown menu set to 'Model: v2.0'. The input area contains the following text: 'Uvod u CPU (Central Processing Unit)
Definicija i osnovne funkcije CPU-a.
Važnost CPU-a u računalu.
Dijelovi CPU-a
ALU (Arithmetic Logic Unit): Vršiti aritmetičke i logičke operacije.
Kontrolna jedinica: Upravlja radom CPU-a, uključujući usmjeravanje podataka.
Registri: Brza memorija unutar CPU-a koja pohranjuje privremene podatke i upute.'

Below the text input area, there is a blue button labeled 'Generate a video +'. A red arrow points from a red-bordered box containing the text 'Dodajte ključne riječi za generiranje AI videa' to the text input area.

At the bottom of the interface, there is a section titled 'Workflows and plugins:' with buttons for 'YouTube Explainer', 'Script to Video', 'YouTube Shorts', and 'Explore all +'. At the very bottom, there is a small disclaimer: 'Invideo AI might produce inaccuracies. Please review and edit as needed.'



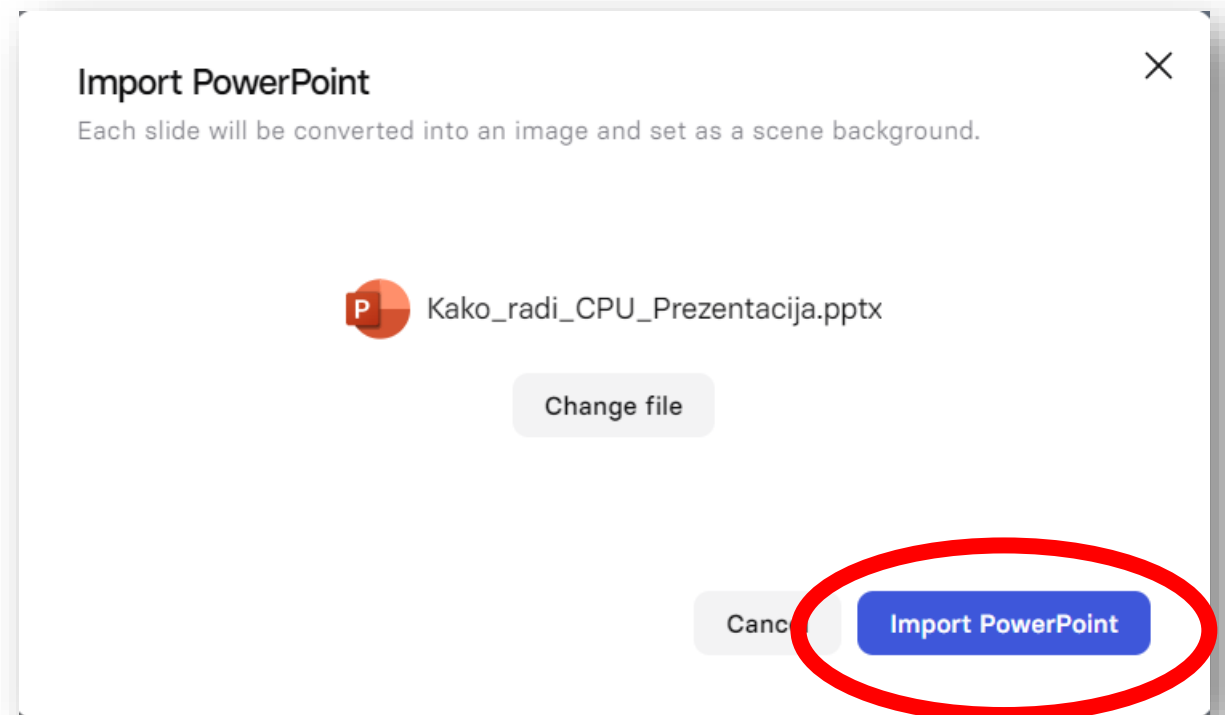
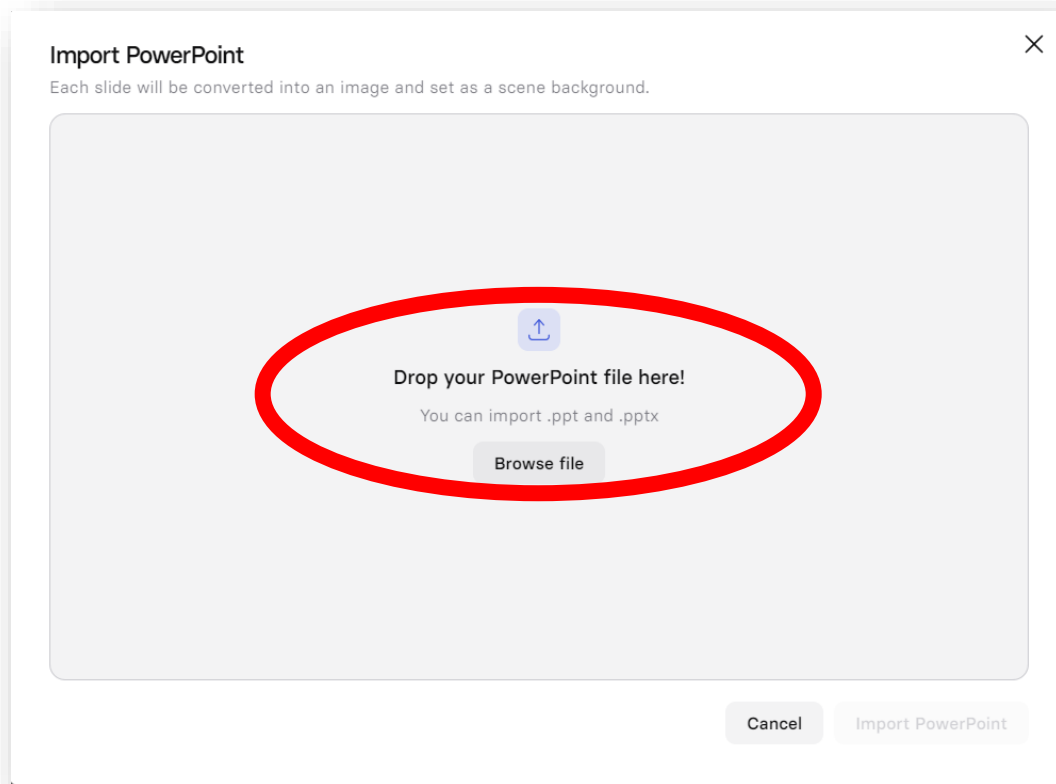
The screenshot shows a video player interface. The video title is 'Kako radi CPU: Sreće valjag računala'. The video content shows a close-up of a CPU chip with the text 'CPU?' overlaid in the center. The video player has a progress bar at the bottom, showing the video is at 00:00 / 01:00. There are buttons for 'Edit' and 'Export' at the bottom right. Below the video player, there is a text area with the following text: 'Delete the second chapter. It's not really relevant.
Make this chapter half as long. It's too wordy.
Change current stock to a video drone shot of a forest.'

Synthesia - stvaranje videa iz ppt korištenje *text to speech* avatara

- app.synthesia.io

The screenshot displays the Synthesia web application interface. On the left is a sidebar with navigation options: Workspace (FREE), Home, Templates, Videos, Assets, Library, Avatars, and Voices. The main content area features a search bar and three primary action buttons: 'New video' (Pick a template or start from blank), 'AI video assistant' (Generate a video from a file, website, or idea), and 'Import PowerPoint' (Convert slides to backgrounds). The 'Import PowerPoint' button is highlighted with a red circle. Below these buttons is a video player showing two AI avatars, with a play button in the center. To the right of the video player is a promotional banner titled 'Choosing the right Avatar and Voice' with a 'Visit Synthesia Academy' button. At the bottom, there is a 'Get inspired' section with a 'Discover what you can create with Synthesia' heading and several video thumbnails.

Synthesia - stvaranje videa iz ppt korištenje *text to speech* avatara



Synthesia - stvaranje videa iz ppt korištenje *text to speech* avatara

Excited to have you join us. As a welcome gift, your first 3 video generations are on the house - no minutes needed!

Type your video title here

Avatar Space Text Shape Media Record

Invite Generate

Scenes

Kako radi CPU

SCENE 1

Kako radi CPU

2

3

4

5

6

Kako radi CPU

Sažetak prema YouTube videu Ben Eatera

Dodajte tekst koji želite čuti

synthesia

Scene 1

Replace layout

Background color #FFFFFF

Background media

Replace

Crop

Opacity 100 %

Blur 35 %

Music

Scene transition

00:00 / 00:05

Pause Diction

Danas ćemo vas upoznati s radom procesora...

Synthesia - stvaranje videa iz ppt korištenje *text to speech* avatara

Odaberimo željenog Avatara i Generiramo video

Avatar Speech Text Shape Media Record

Add avatar
A young man wearing a white shirt

Need your own avatar?
You can create a custom avatar in just a few steps! [Learn more](#)

Jordan Jimmy Jordan
Thomas Thomas Ada
Ada Alex Alex
Ronja Ronja Ada

SCENE 1

Sažetak prema YouTube videu Ben Eatera

synthesia

Pause Diction

00:00 / 00:04

Danas ćemo vas upoznati s radom procesora

Maestra AI - izrada podnaslova iz videa

- app.maestra.ai

The screenshot shows the Maestra AI interface for creating subtitles. The left sidebar contains navigation options: Transcription, Subtitle (highlighted), and Voiceover. The main content area is titled 'Subtitles' and shows a table of files under 'My Files'. The table has columns for NAME, DURATION, UPLOADED, EDITED, and STATUS. The files listed are:

NAME	DURATION	UPLOADED	EDITED	STATUS
3-Synthesis-Kako radi CPU-v1-bez titlova	0:00:12	4d ago	4d ago	Continue
Titlovi v1	0:01:00	May 21, 24	May 21, 24	Ready
Sample Captioning Video	0:04:40	May 21, 24	May 21, 24	Ready

In the top right corner, there is a search bar, a dropdown menu, and a '+ New Subtitle' button, which is circled in red. Below the table, there are icons for file management: New Folder, Move, Rename, Remove, Duplicate, and Export.

Maestra AI - izrada podnaslova iz videa

1: Upload your files or [Start from scratch](#) X

Drop files here, browse files or import from:

- My Device
- Link (YouTube, Public Media Link)
- Dropbox
- Zoom
- Instagram
- YouTube Channel

2: Select audio language

Spoken language

- Translate to another language
- Use custom dictionary
- Submit automatically once uploaded
- I will upload my own subtitles (SRT, VTT)

[Submit](#)

**Odaberimo
željeni video i
jezik audio
zapisa**

1: Upload your files or [Start from scratch](#) X

Upload complete Speaker Count +

3_Synthesis_Ka...z titlova.mp4 1.2 MB 1

Complete [Cancel](#)

2: Select audio language

- Croatian (Croatia)
- Translate to another language
- Use custom dictionary
- Submit automatically once uploaded
- I will upload my own subtitles (SRT, VTT)

[Submit](#)

Maestra AI - izrada podnaslova iz videa

The screenshot displays the Maestra AI web interface. On the left, a list of subtitles is shown with their start and end times and speaker information. The main area features a video player with a woman speaking and the subtitle "Kako radi CPU temeljen na videu code.org". On the right, an "Export As" panel is open, showing various subtitle formats like SubRip, WebVTT, and others. A red box highlights the "Export" button in the top right corner, and another red box highlights the "Download subtitle file" button in the export panel. A large red arrow points from a text box at the bottom left towards the subtitle list.

Provjerimo / prepravimo podnaslove te ih preuzmemo na računalo

Kako radi CPU
temeljen na videu code.org

synthesia

0:00:00

Undo Redo Speed Mute Format

0:00:00 0:00:01 0:00:02 0:00:03 0:00:04 0:00:05 0:00:06 0:00:07 0:00:08 0:00:09 0:00:10 0:00:11 0:00:12

ojo Untrack Hide

Youtube studio

**U Opis:
Time Stamp –
vremenske
oznake;
poglavlja**

Synthesia: Kako radi CPU - bez titlova Spremljeno kao privatno

Pojedinosti Elementi videozapisa Provjere Vidljivost

Pojedinosti PONOVO UPOTRIJEBI POJEDINOSTI

Naslov (obavezno) ?
Synthesia: Kako radi CPU - bez titlova

Opis ?
00:00 Početak
00:10 Procesor
02:13 Aritmetičko-logička jedinica
03:42 GPU

Minijatura
Odaberite ili prenesite sliku koja će prikazivati temu videozapisa. Dobra se minijatura ističe i privlači pozornost gledatelja. Saznajte više

Prenesi minijaturu

Playliste
Videozapis dodajte na jedan ili više popisa da biste organizirali svoj sadržaj za gledatelje. Saznajte više

Odabir

Publika
Taj je videozapis postavljen kao "namijenjeno djeci" Postavili ste vi
Bez obzira na vašu lokaciju, vaša je zakonska obveza da se pridržavate odredbi Zakona o zaštiti privatnosti djece na internetu (COPPA) i/ili drugih zakona. Dužni ste obavijestiti nas jesu li vaši videozapisi namijenjeni djeci. Što je sadržaj namijenjen djeci?

i Na videozapisima namijenjenima djeci neće biti dostupne značajke kao što su prilagođeni oglasi i obavijesti. Veća je vjerojatnost da će se videozapisi koji su postavljeni kao "namijenjeni djeci" preporučivati uz druge videozapise za djecu. Saznajte više

Da, sadržaj je namijenjen djeci
 Ne, sadržaj nije namijenjen djeci

↑ HD ✓ Provjere su dovršene. Nije pronađen nijedan problem. DALJE

Youtube studio – dodavanje titlova u video




**Dodavanje
titlova**

Synthesia: Kako radi CPU - bez titlova Spremljeno kao privatno

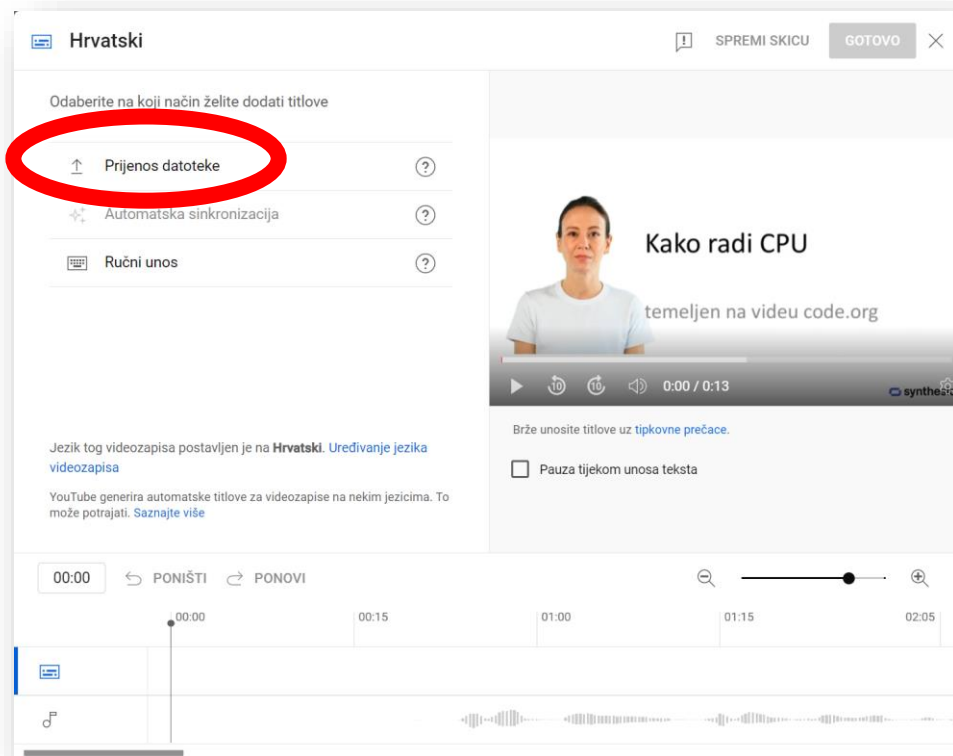
Pojedinosti **Elementi videozapisa** Provjere Vidljivost

Elementi videozapisa

Upotrijebite kartice i završne zaslone da biste gledateljima pokazali povezane videozapise, web-lokacije i pozive na radnju. [Saznajte više](#)

	Dodavanje titlova Dodajte titlove svojem videozapisu i dosegnete širu publiku	DODAJ
	Dodavanje završnog zaslona Promovirajte povezani sadržaj na kraju svog videozapisa	UVOZ IZ VIDEOZAPISA DODAJ
	Dodavanje kartica Promovirajte povezani sadržaj tijekom trajanja svog videozapisa	DODAJ

Youtube studio – dodavanje titlova u video



Odabir vrste datoteke titlova

- S vremenskim rasporedom
- Bez vremenskog rasporeda
Nije dostupno za taj jezik

ODUSTAN

NASTAVI

Youtube studio – dodavanje titlova u video

The screenshot displays the YouTube Studio subtitle editor interface. At the top left, the language is set to 'Hrvatski'. In the top right corner, there are buttons for 'SPREMI SKICU' and 'GOTOVO', with the latter being circled in red. The main editing area is divided into two columns: a text editor on the left and a video player on the right. The text editor contains three subtitle entries with their corresponding start and end times:

Text	Start Time	End Time
CPU, centralna procesorska jedinica, je mozak računala	00:21	04:19
odgovoran za izvršavanje uputa i obradu podataka.	04:19	08:14
Esencijalan je za cjelokupni rad računala.	09:02	11:09

The video player shows a woman speaking, with the title 'Kako radi CPU' and subtitle 'temeljen na videu code.org'. Below the player, there are playback controls and a checkbox for 'Pauza tijekom unosa teksta'. At the bottom, a timeline shows the video's progress, with a subtitle bar indicating the first subtitle is active from 00:00 to 00:15.

Pitanja ?
