

# WEBSITES TO DOWNLOAD 3D DESIGNS

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This presentation is to say about how to download 3D designs for different programs and print them in 3D, “thingiverse” or “youmagine” are some websites to do this.

With the presentations of my colleagues you have learned how to design things in 3d, today we are going to use some websites to get designs and then we are going to use some programs that you have already learned to use, “freecad” to edit the designs if we feel like it and to print them “cura”.



**I.E.S. "LOS CERROS"**



Cofinanciado por el  
programa Erasmus+  
de la Unión Europea



# THINGIVERSE

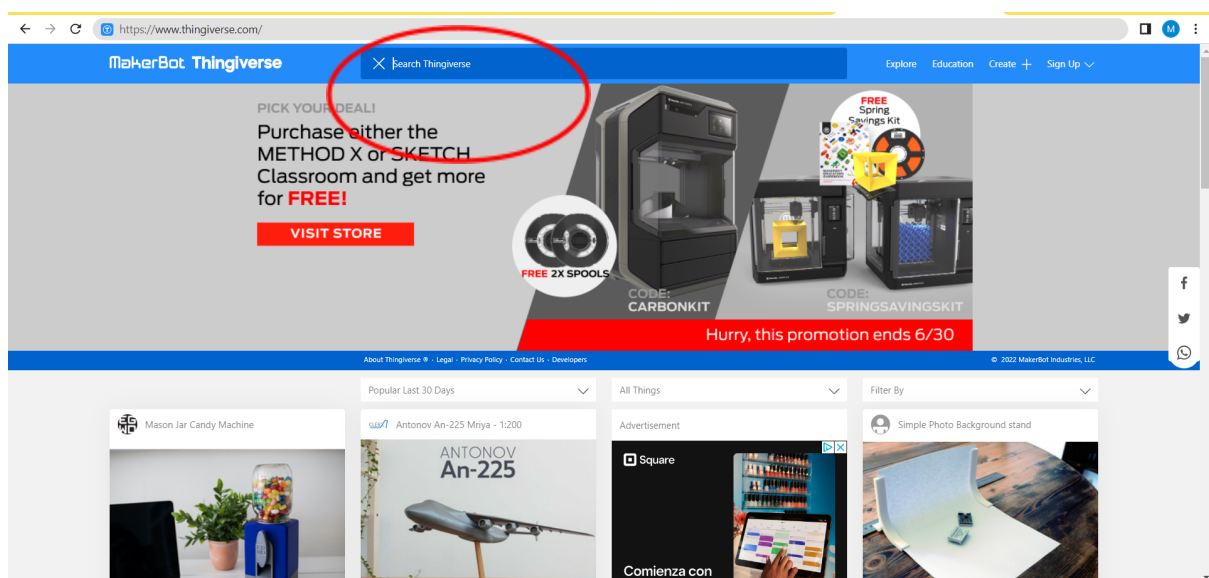
This is a web to get 3D designs

This is the link:

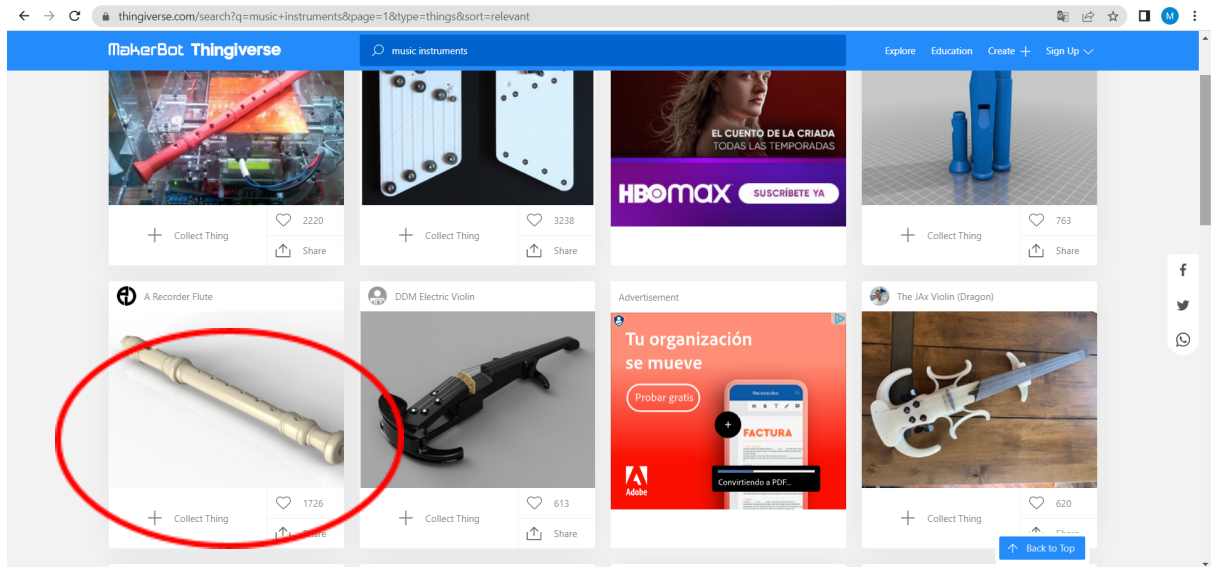
<https://www.thingiverse.com/>

Thingiverse

## 1 SEARCH WHATEVER YOU WANT

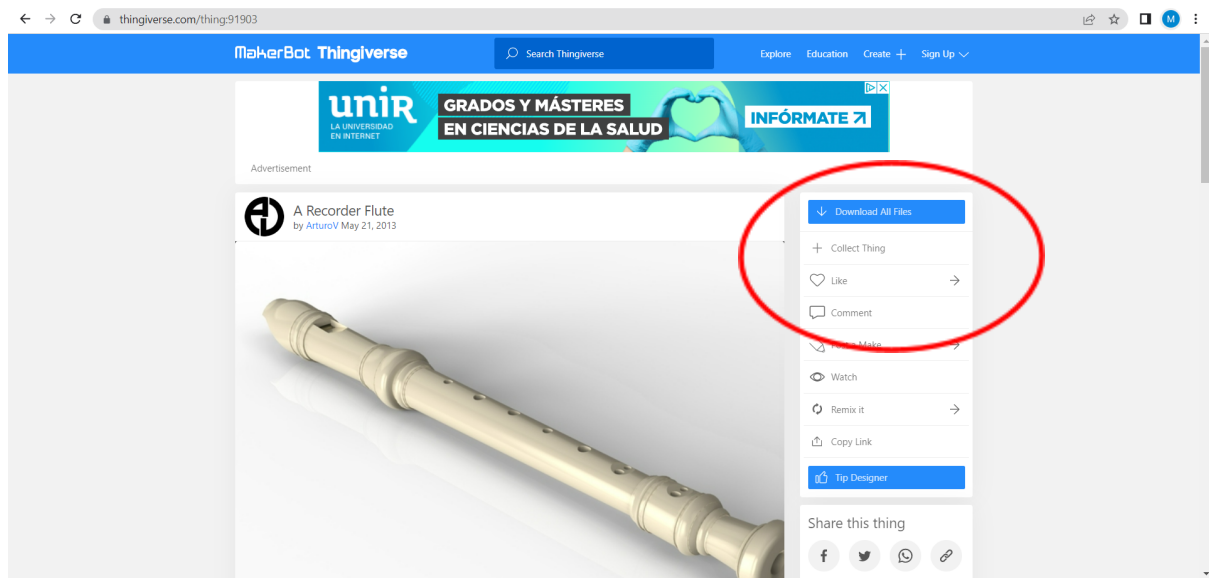


You can search for what you want and see other people's designs. I have searched for "music instruments" and I have chosen this design.

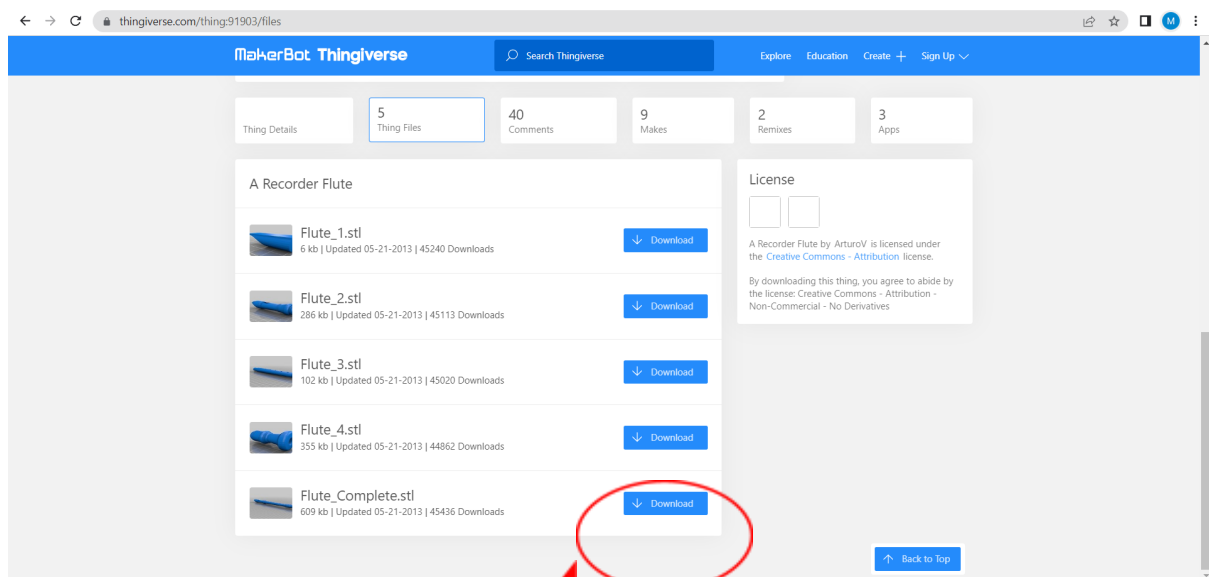


So I have looked at it and downloaded it.

## 2 DOWNLOAD THE DESIGN



You can download any design you want for free.

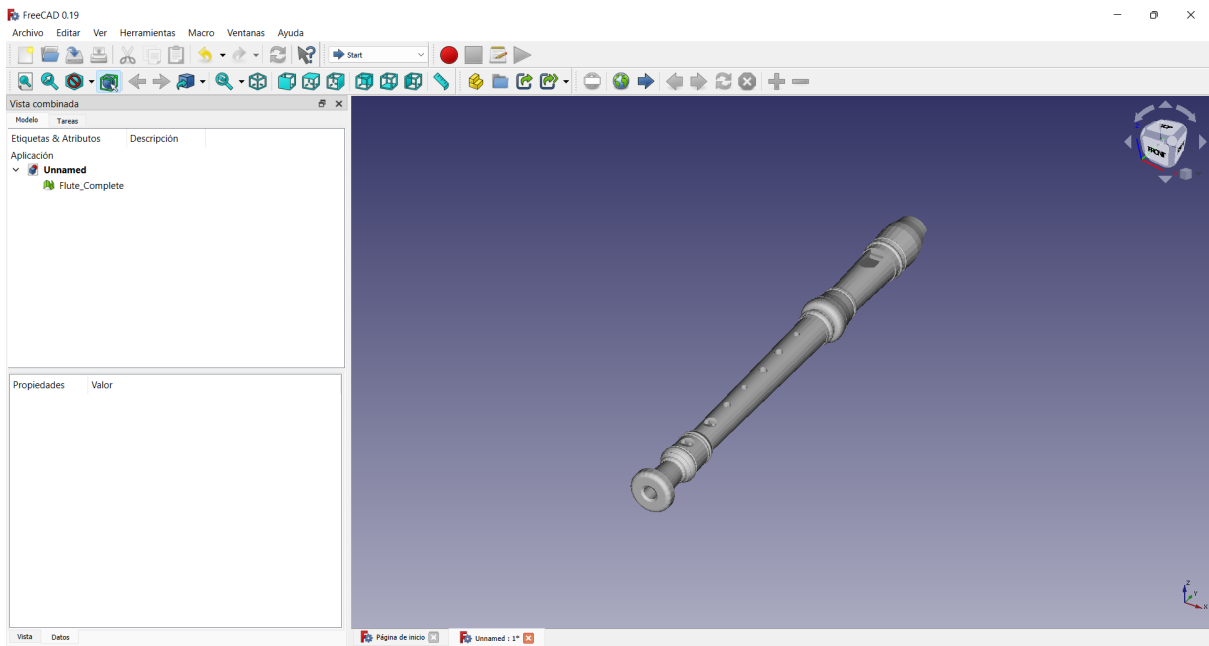
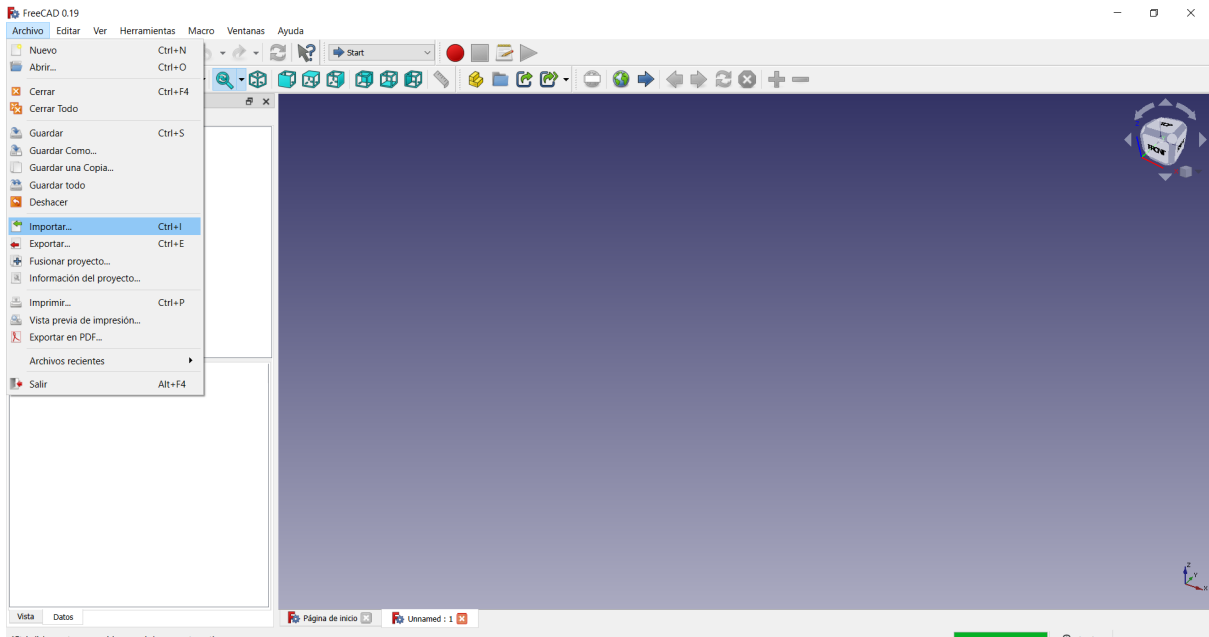


As you can see you can download each part of the flute separately, or we can download the whole flute, which is what we are going to do in this case.

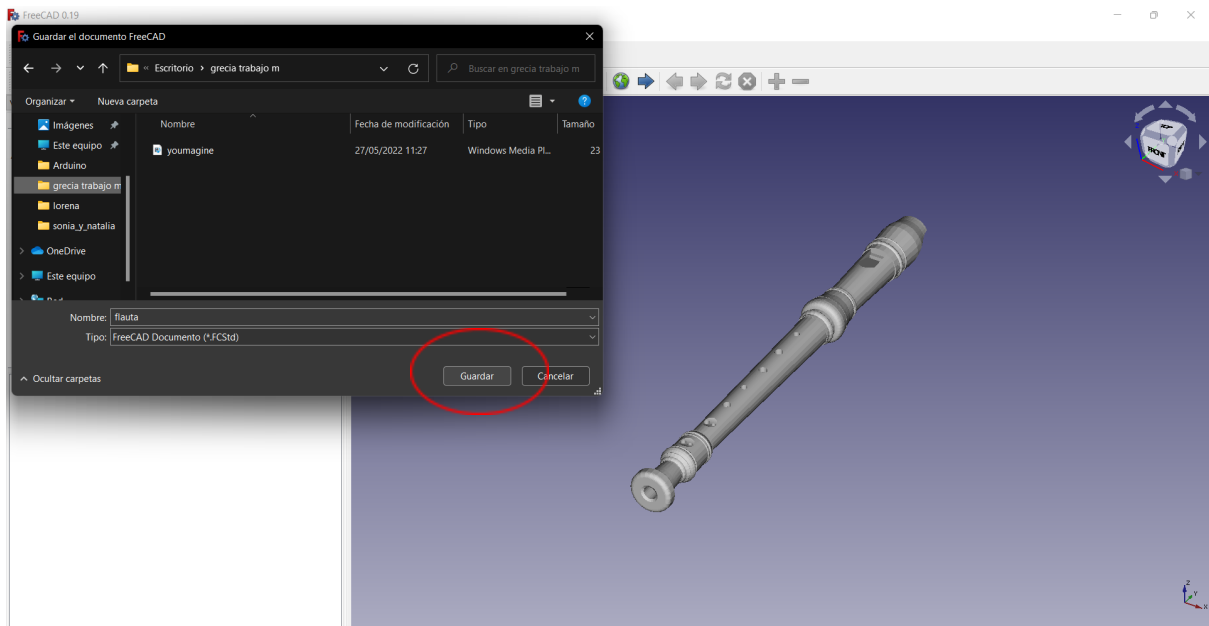
Then we are going to open the file with freecad.

### 3 FREECAD

Click on the import button and select the download you have made.



And we have to save it in STL. format



Later, Jose Angel is going to explain to you how to print with the program “Cura”.





YOUMAGINE



This is another website to continue downloading 3D files.

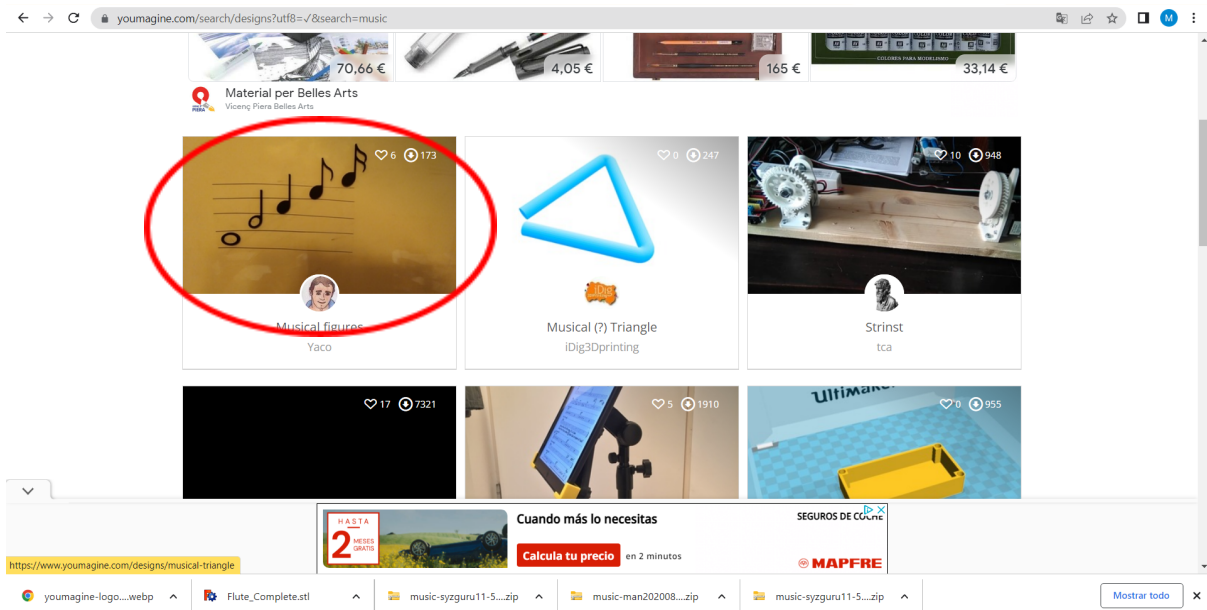
<https://www.youmagine.com/>

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# 1 SEARCH WHATEVER YOU WANT

The screenshot shows a search results page on the YouImagine website. At the top, a search bar contains the text "music" and is circled in red. To the right of the search bar are navigation links for "Designs", "Collections", "Blog", "Log in", and a "Sign up" button. Below the search bar, a message reads "Awesome, we found 124 designs for music". There are filters for "relevance", "Designs (124)", "Collections (44)", "Designers (477)", and "Filters". The main content area features a large design card for "Klavier" with the headline "El mejor precio" and subtext "Pagos seguros y con posibilidad de financiación a 36 meses". Below this are three smaller design thumbnails with heart icons and counts (6/174, 0/247, 11/952). A red banner for Adobe Acrobat is visible, with the text "Relájate. Tu PDF es seguro con Acrobat." and a "Probar gratis" button. To the right of the banner is a "Declaración de ingreso" form with a "Mostrar todo" button.

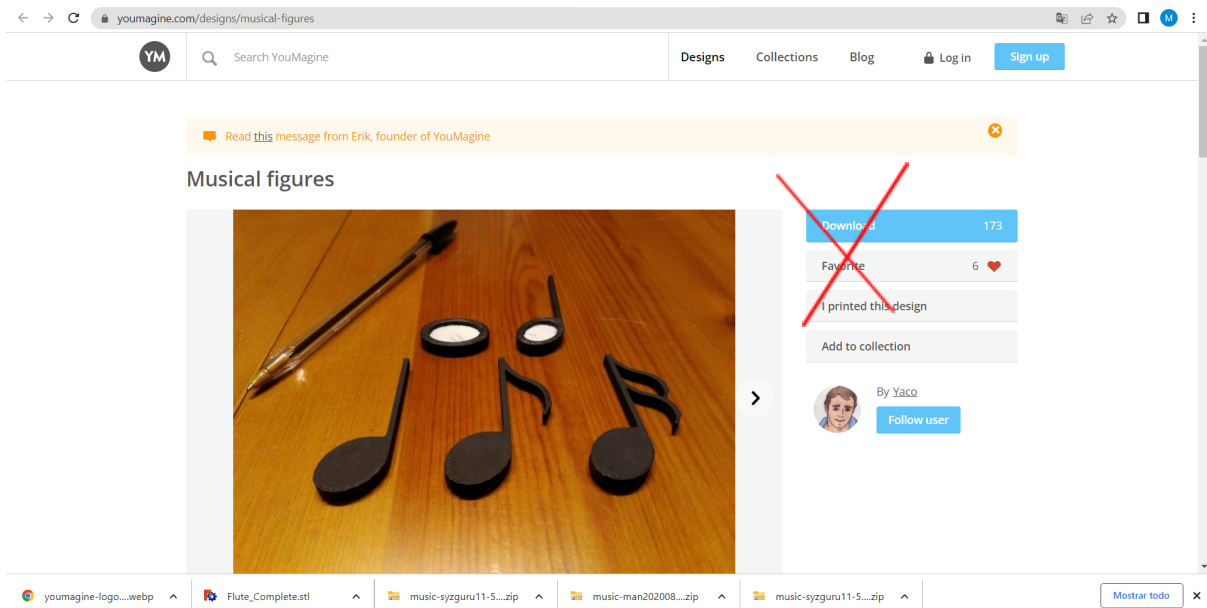
The screenshot shows the homepage of the YouImagine website. At the top, a search bar contains the text "music" and is circled in red. To the right of the search bar are navigation links for "Designs", "Collections", "Blog", "Log in", and a "Sign up" button. Below the navigation bar is a large hero section with a background image of a man wearing glasses. The text reads "Share your imagination. Where makers publish 3D designs." and includes a "Sign up for YouImagine" button. To the right of the hero section is a "Featured design" card for "Face shield". Below the hero section is a section titled "There's something for everyone" with the text "Browse through over 19,000 open designs that are ready to print". At the bottom, there is a banner for Farnell with the text "ACCELERATE THE NEXT INDUSTRIAL REVOLUTION" and "Increase flexibility, improve efficiency and speed-up production". The banner includes a "LEARN MORE" button and the Farnell logo. Below the banner are several file thumbnails for "youimage-logo...webp", "Flute\_Complete.stl", "music-sygzguru11-5...zip", "music-man202008...zip", and "music-sygzguru11-5...zip". A "Mostrar todo" button is located at the bottom right.



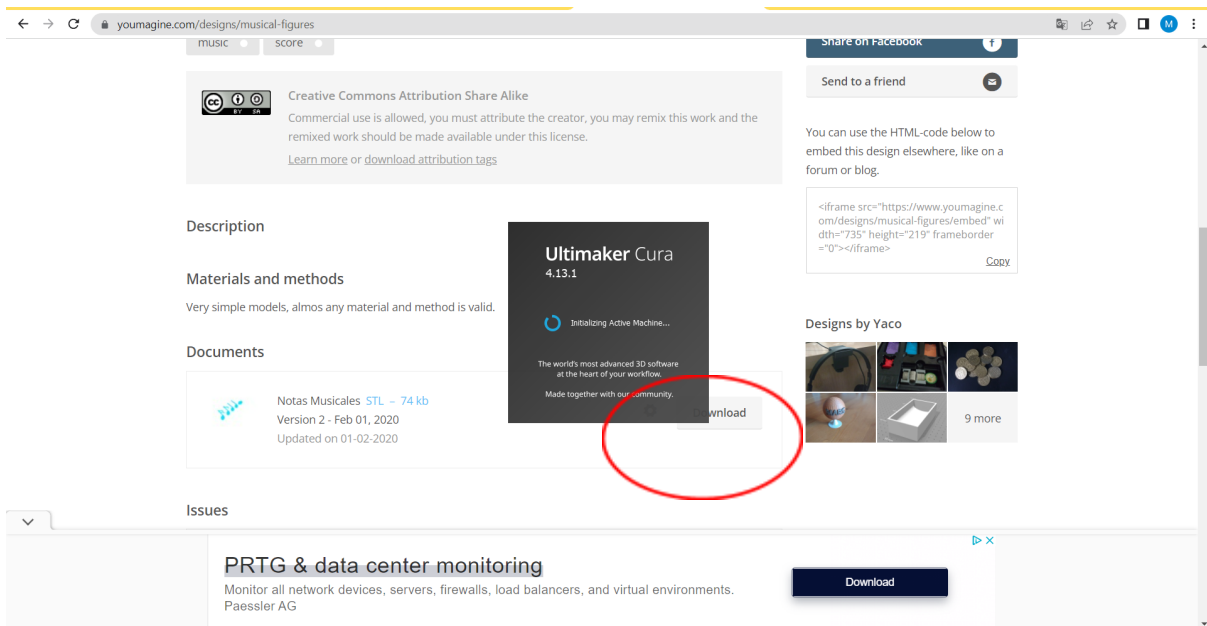
Among all the designs I have chosen that one, but of course you can choose the one you want.

<https://www.youmagine.com/designs/musical-figures>

## 2 DOWNLOAD

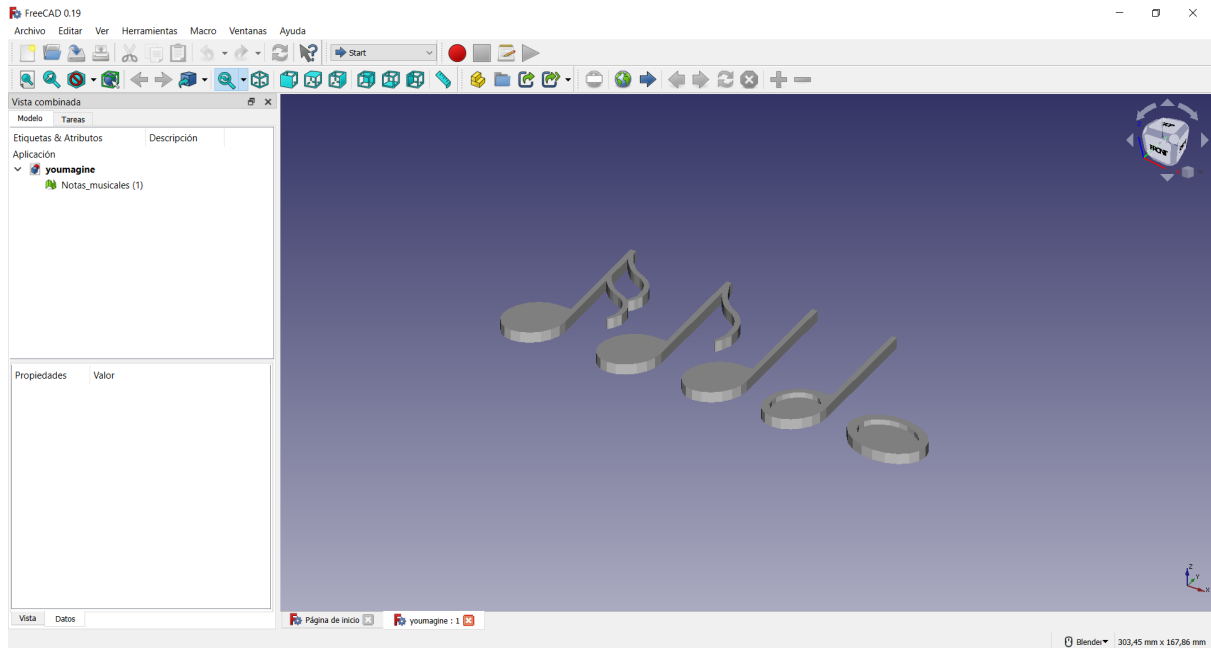


In this case we cannot click on this button because we download all the photos in addition to the file.



### 3 FREECAD

Click on the import button and select the download you have made. Like with the other program.



After that we have to save in STL. format and we 3D printed it with "cura"

