VR images and videos

with Blender for Virtual Tours











Blender for 360 VR tours







Virtual Reality: To replicate an environment by simulating the physical presence of the user



Virtual Reality: To replicate an environment by simulating the physical presence of the user

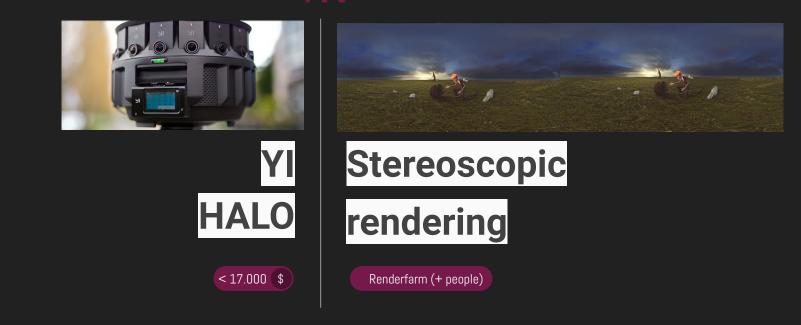
360° Video immersive real footage videos

CG VR Computer generated graphical content

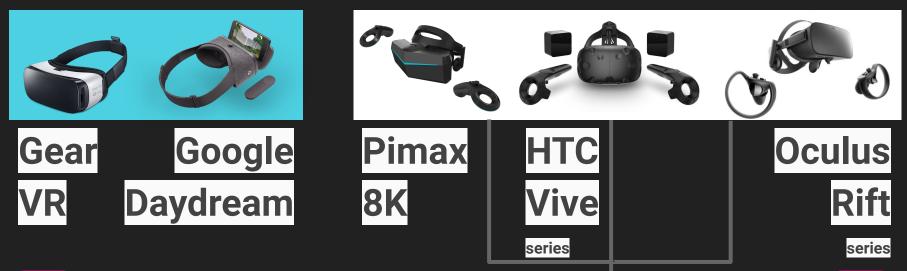




Virtual Reality: To replicate an environment by simulating the physical presence of the user



Virtual Reality: To replicate an environment by simulating the physical presence of the user



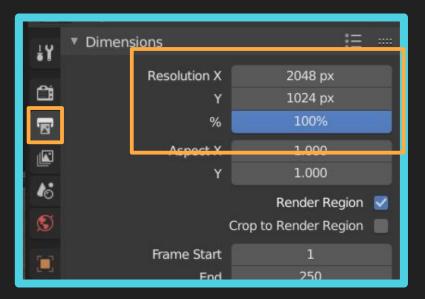
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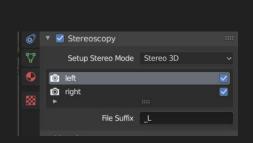


Size and Proportions

2048x1024 for the preview 4096x2048 for the final render

(200%)

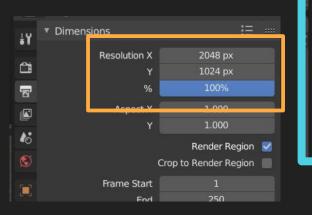


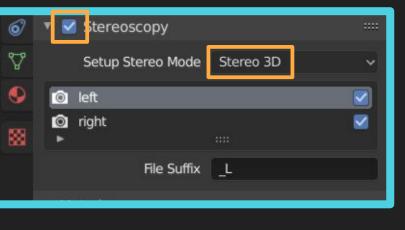


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	Convergence Plane Distance	1.950							
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Enable **Stereoscopy**



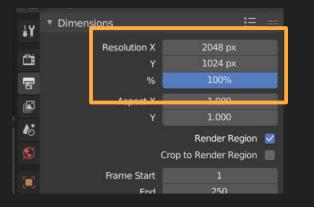


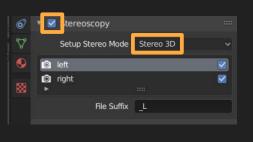
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		Spherical Stereo 📃 🔸	
	Pivot	Left ~	



Panoramic Camera

"Equirectangular" type Enable "Spherical Stereo"





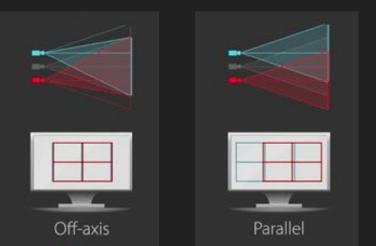
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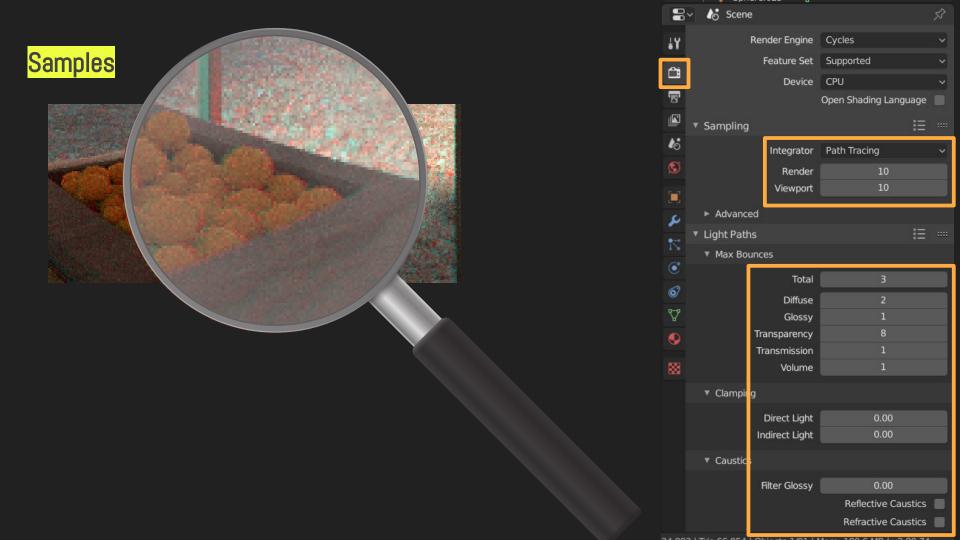
Off-Axis

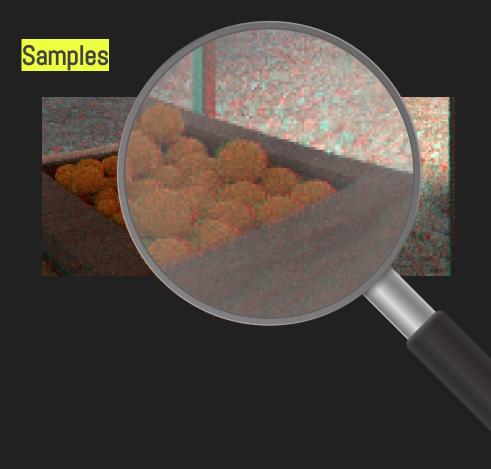
convergence plane distance

Toe-in

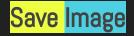


Convergence





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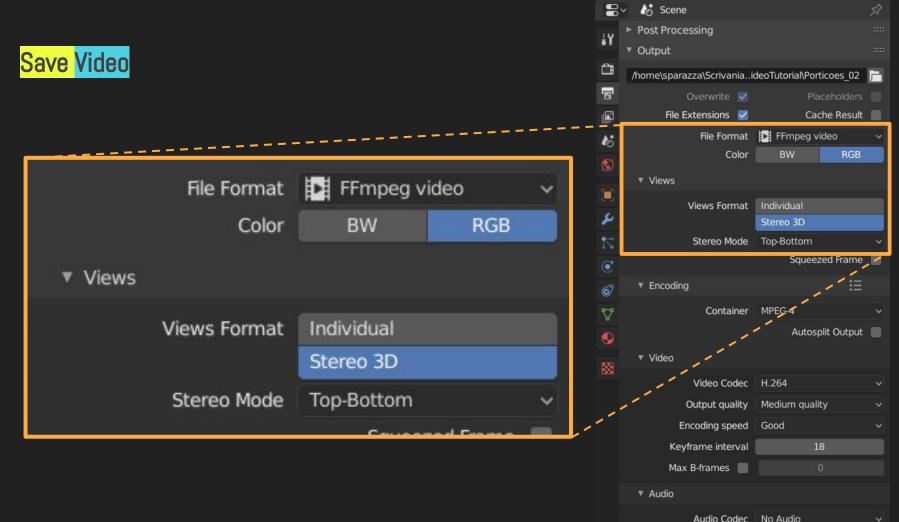
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Frame:1 | Time:02:51.81 | Mem:123.77M, Peak: 185.75M



<mark>Save</mark> Image

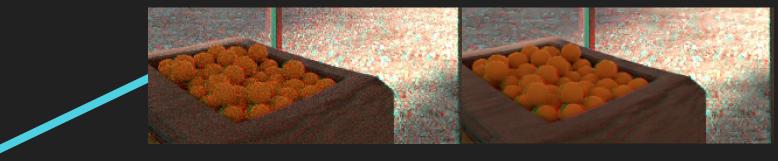
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Save As Render			
🗹 Сору			
Stereo Mode	Individual Stereo 3D Top-Bottom ✓ Gqueezed Frame		



Mandada - Internet - Internet - Internet

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Denoiser

Set your **Convergence Plane** closer ightarrow objects will be far

Object yes → <mark>Billboard no</mark>

Side or backward jumps and grabs ightarrow Motion sickness

Say NO to <mark>cross fading</mark>

Set a human height <mark>~1,5mt</mark>

Background or Dome (sky or dusty)





VR Media Player - 360° Viewer



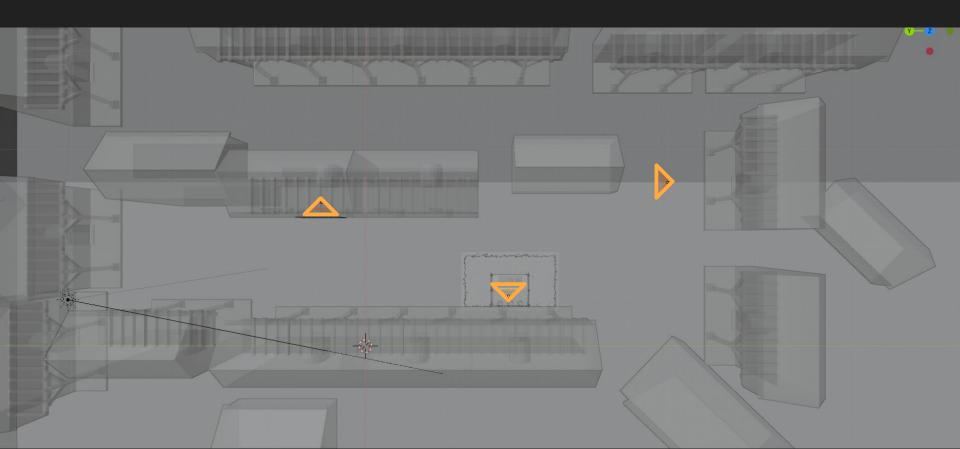
Youtube

(Media Injector)

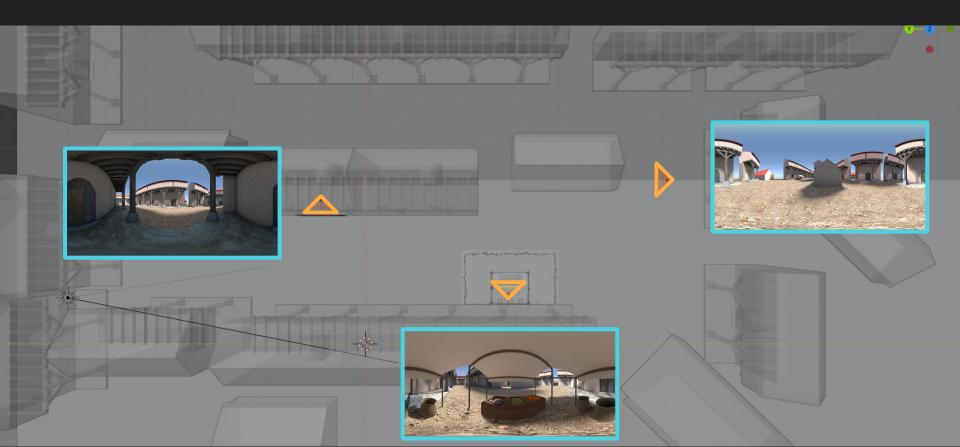
https://github.com/google/spatial-media/releases/tag/v2.1

	Spatial Media Metadata Injector	
Current 360) video: MyVideo.mov	
My video is	spherical (360)	
My video is	stereoscopic 3D (top/bottom layout)	
My video ha	as spatial audio (ambiX ACN/SN3D format)	

Your Tour: <mark>3 cameras</mark> (with same parameters and different conv. plane) in the end file



Your Tour: Ready-made renders into your exercise folder







Google Tour Creator

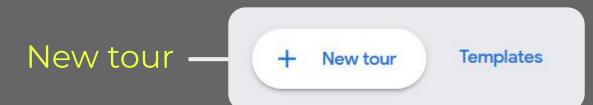


Go to: vr.google.com/tourcreator/



GET STARTED

Login





Title

Ghost Bologna

A spooky town with no-one in sight ('cause 3d characters are expensive)

Category History 11



Add scene					
Street View		Upload			
Allowed file ty	pes: .jpeg, .jpg, .png		180° image here or ° or 180° image		

Cancel Add scene



Use every tool to create yours



-

Add scene

My Tour: poly.google.com/view/1eS7EihdaOu

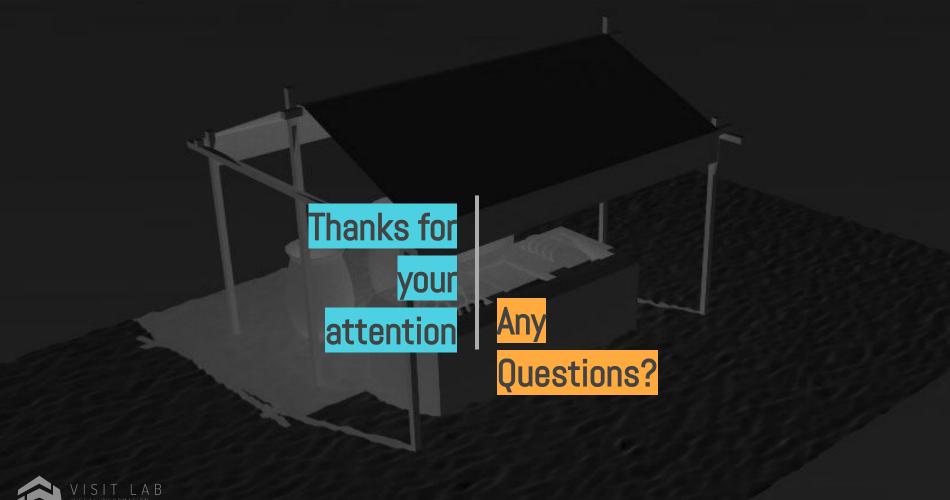




a

Add scene





CINECA

BTW not a single GIF, kind of a victor