

The Anaglyphic Stereo Technique

The anaglyphic 3D technique is covered extensively on the World Wide Web and in literature as it is probably the best used technique for creating stereo (3D) images. The web is swamped with archives containing hundreds of anaglyphs.

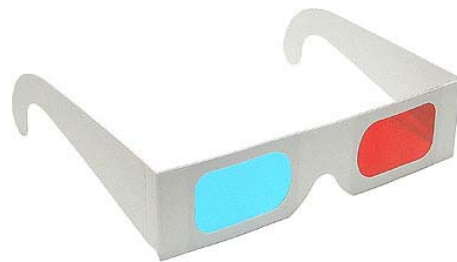
To assist you in getting the best out of your Anaglyphic Glasses and to save considerable Web research time, we gladly provide the following links:

Please note that we do not endorse any of the websites or information on any of these sites. The links were valid as of 2 March 2008.



Folding your glasses

Fold the frame of your glasses so that the **red filter** covers your **left eye** and the **cyan filter** the **right eye**.



1. How do human beings perceive depth?

<http://www.scec.org/geowall/stereohow.html>

2. Background information on the Anaglyphic Technique

<http://www.stereoscopy.com/faq/anaglyphs.html>

http://en.wikipedia.org/wiki/Anaglyph_image

3. Making your own Anaglyphic images

Anaglyph images can be created on a computer using a digital camera and Adobe Photoshop or one of the numerous freeware programs available.

3.1 Using Adobe Photoshop

<http://wxs.ca/3d/howto.html>

or

<http://www.scec.org/geowall/makeanaglyph.html>

3.2 Using free software



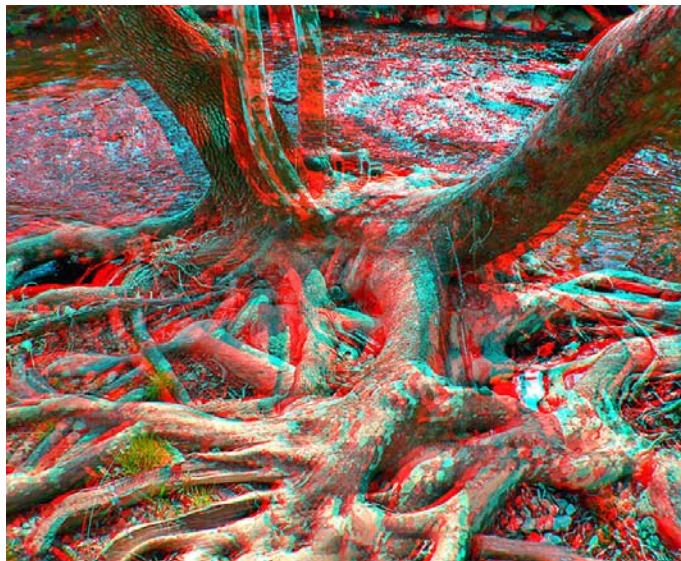
AnaBuilder is a freeware program for the creation of anaglyph-type stereoscopic photographs. By shifting two views of the same scene, AnaBuilder builds an image that is stereoscopic when viewed through Red/Cyan glasses. The program makes it possible to readjust the two views manually or fully automatically.

AnaBuilder (Windows) also allows stereo-morphing to convert a 2D photo into a 3D photo, or to modify the depth of an existing 3D photo, as well as a 2D -> 3D -> Stereo conversion tool.

Get the program for free here: <http://anabuilder.free.fr/welcomeEN.html>

4. Anaglyph Image Galleries

There are thousands of anaglyph images on the Web. Here you can find images (like the one below) in a Yahoo Anaglyph Discussion Group archive: <http://abdownload.free.fr/>



NASA's 3D images of Mars taken by Pathfinder in 1997:
<http://mpfwww.jpl.nasa.gov/MPF/mpf/anaglyph-arc.html>