

Stereo Viewers

Photographs appear three-dimensional when you look into this viewer.

Try This

- Look at the two photos on the screen.
- Now look at the photos through the black viewer, first with both eyes and then one eye. Notice whether the scene looks three-dimensional.
- Push the COMPARE PHOTOS button. Are the photos different?
- Push the NEW PHOTOS button and repeat.

What's Going On?

When you look at any scene—such as a house or a group of people—each of your eyes sees a slightly different view. These two images help your brain perceive depth, or how far away different objects are from you. This allows you to see the world in three dimensions.

The viewer in this exhibit helps your eyes and brain perceive three-dimensional depth in two-dimensional photos. The photos in the viewer were shot from slightly different locations. Your brain combines the images and interprets their differences as differences in depth.