



<https://phydemo.app/ray-optics/>

Sunlight

Raindrop

A guided tour

To

Ray Optics

Simulation

Primary rainbow

Secondary rainbow

Alexander's dark band

These are the colors produced from a single raindrop.

The final rainbows we see are due to an enormous number of raindrops in the sky, each of which gives a single color (at the corresponding angle) to the observer.

