

Fog, Fog, on the wall: Which Color Shines the Brightest through Fog?

The purpose of this project was to determine which color shines the brightest through fog.

The experiment involved testing which color shines brightest through fog. This was done by taking a fog machine and putting it in one corner of a box. Then, I put a light bulb next to the fog machine and placed an image on the opposite wall from the fog machine and light bulb. I did five tests with a light bulb that changed with eight colors (white, red, orange, yellow, green, blue, light blue, purple, and pink). Measurements were made by timing how long I could see the image before it disappeared.

The constants of my experiments were a fog machine, light bulb, a plastic box, plastic box lid, an image, and the procedures used.

The results of my experiments did not support my hypothesis. My hypothesis was that yellow shines the brightest through fog.

The information gained from this project could be used by people who want to drive safe in the fog.