

# The color of the energy storage light

How is light absorbed into a material?

Some light is absorbed into the material and changed into other forms of energy, usually heat energy. The light waves make the electrons in the materials vibrate and this kinetic energy or movement energy makes heat. Friction of the moving electrons makes heat.

Why is the color of light important?

From fireworks to stars, the color of light is useful in finding out what's in matter. The emission of light by hydrogen and other atoms has played a key role in understanding the electronic structure of atoms.

What colors are reflected by light?

cyan (blue-green), yellow, and magenta (blue-red). As we look around the room, we see most objects by the light that is diffusely reflected from them. Diffuse reflection of light takes place when the surface of the object is not smooth. The reflected rays from a diffusely reflecting surface leave the surface in many different directions.

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