Essay #1- Color Perception

The evolution of color vision in human beings emerged as a survival mechanism operating in a wide variety of situations wherein colors provide an essential source of information about the environment, assisting in such crucial areas as food foraging and seeing through predator camouflage (Ware, 2013). However, the function of colors extends beyond survivability. Since color vision is ingrained in human behaviour and perception, it has become heavily used in representing and communicating information. The business and marketing industry takes advantage of color’s importance by deliberately applying color theory in product design and marketing. Despite some overlap, color conventions are not consistent across cultures. Today’s global markets require us to adjust advertising to appeal to varying demographics. Today’s global markets require us to adjust advertising to appeal to varying
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and meanings across cultures. In contrast, black and red have considerably different meanings
depending on location. Black is often associated with sadness in western cultures while rates as “formal” in Taiwan and Brazil. Red is universally considered “active” and “hot” but gets the added quality of “pleasant” in places like China (Madden, Hewett & Roth, 2000).

Another implication of color in marketing concerns people with CVD. This condition is caused by the absence of either long or medium-wavelength-sensitive cones resulting in an inability to distinguish between reds and greens. Color vision deficient individuals experience uncertainty visualization and frequently have to make their decisions with incomplete visual information (Oliveira, 2014). Since red is a “hot” color and tends to stand out against nearly any background, it plays a primary role in marketing, often identifying sale items. However, 200 million potential consumers in North America alone would not be drawn to the use of red since it appears rather muddy and dull. Such problem can be avoided by considering other colors. For instance, reds and whites can be replaced with yellows and blues to be more distinct. Marketers can also reduce their reliance on chromatic dimensions, which depend mainly on colors, and utilize other techniques which depend on luminance dimension (gray scale) to provide greater contrast.

There is no combination of colors that is going to appeal to every potential customer. Intended brand personality can be completely altered by regional color conventions. Marketers may need to adapt their brand identity according to the location. Advertisers would also do well to adjust the application of color theory with their products to include people with CVD.
References:


