

Object: Calculates R G B values to Hue-Saturation-Value(HSV) Channel

Tips:

1. Read a RGB Channel Image(24 bit) such as 1.bmp;
2. Convert the corresponding RGB value (unsigned char) to H S V channel (float);
3. Save H S V channel separately as the image format .

Reference

1. <http://zh.wikipedia.org/wiki/HSL%E5%92%8CHSV%E8%89%B2%E5%BD%A9%E7%A9%BA%E9%97%B4>
2. <http://stackoverflow.com/questions/3018313/algorithm-to-convert-rgb-to-hsv-and-hsv-to-rgb>