1d)

The red/yellow/orange portion of the picture has hue values of approximately 15 to 40 degrees. As the imwrite function takes in values from 0 to 255, with 0 indicating black and 255 indicating white, a value of 15 to 40 is closer to black and therefore will appear dark in the image.  
  
1e)

White colour has a saturation value of 0. As the imwrite function takes in values from 0 to 255, with 0 indicating black and 255 indicating white, a value of 0 will be black and therefore will appear dark in the image.

2a)

No

Colour calculator

<http://www.tydac.ch/color/>