Visualizing RGB Channels

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1 RGB colorspace

1.0.1 Import resources

1.0.2 Read in an image

Out[2]: <matplotlib.image.AxesImage at 0x7f776a7caa90>



1.0.3 RGB channels

Visualize the levels of each color channel. Pay close attention to the traffic signs!

```
In [3]: # Isolate RGB channels
    r = image[:,:,0]
    g = image[:,:,1]
    b = image[:,:,2]

# Visualize the individual color channels
    f, (ax1, ax2, ax3) = plt.subplots(1, 3, figsize=(20,10))
    ax1.set_title('R channel')
    ax1.imshow(r, cmap='gray')
    ax2.set_title('G channel')
    ax2.imshow(g, cmap='gray')
    ax3.set_title('B channel')
    ax3.imshow(b, cmap='gray')

## Which area has the lowest value for red? What about for blue?
```

Out[3]: <matplotlib.image.AxesImage at 0x7f776655af28>

