

```
In [1]: import skimage.io as io
```

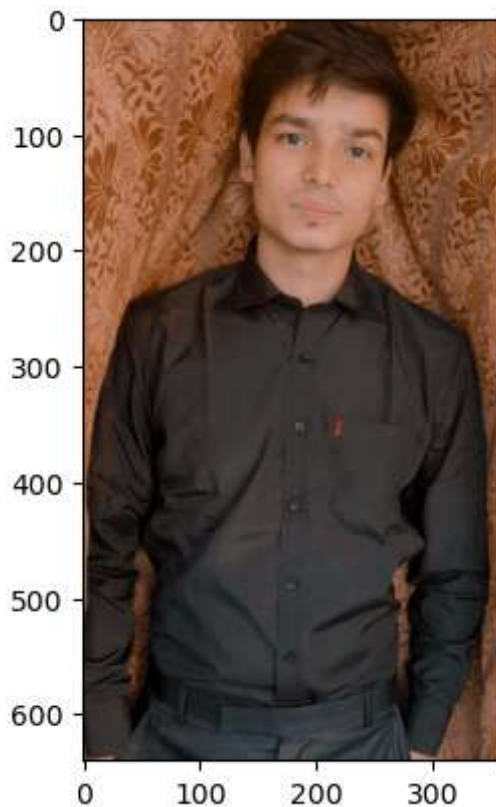
```
In [2]: import matplotlib.pyplot as plt
```

```
In [3]: import numpy as np
```

```
In [4]: img=io.imread('41964.jpg')
```

```
In [5]: plt.imshow(img)
```

```
Out[5]: <matplotlib.image.AxesImage at 0x29906c1c1f0>
```



```
In [6]: img.shape
```

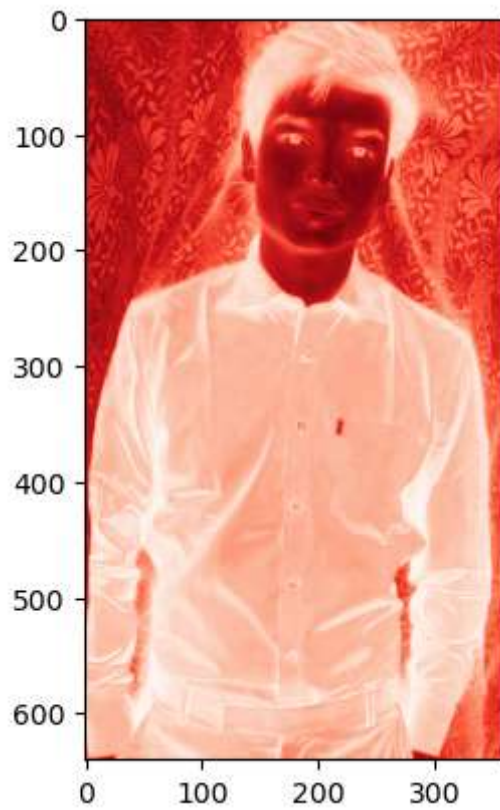
```
Out[6]: (640, 360, 3)
```

```
In [7]: #split
```

```
In [8]: red=img[:, :, 0]  
green=img[:, :, 1]  
blue=img[:, :, 2]
```

```
In [9]: plt.imshow(red, cmap="Reds")
```

```
Out[9]: <matplotlib.image.AxesImage at 0x29906c85d90>
```

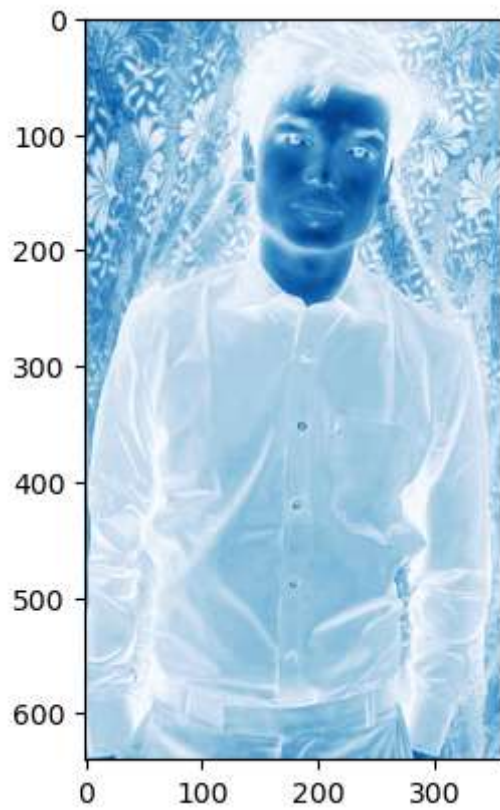


```
In [10]: img.shape
```

```
Out[10]: (640, 360, 3)
```

```
In [11]: plt.imshow(blue, cmap="Blues")
```

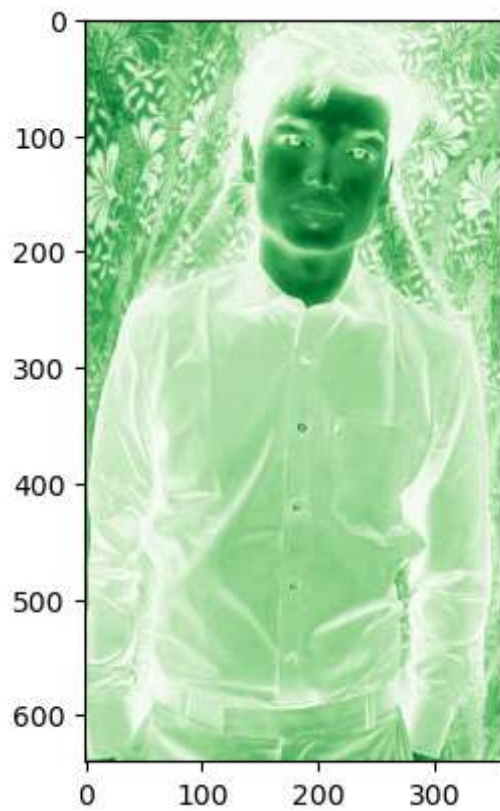
```
Out[11]: <matplotlib.image.AxesImage at 0x29906cf5e20>
```



```
In [12]: plt.show()
```

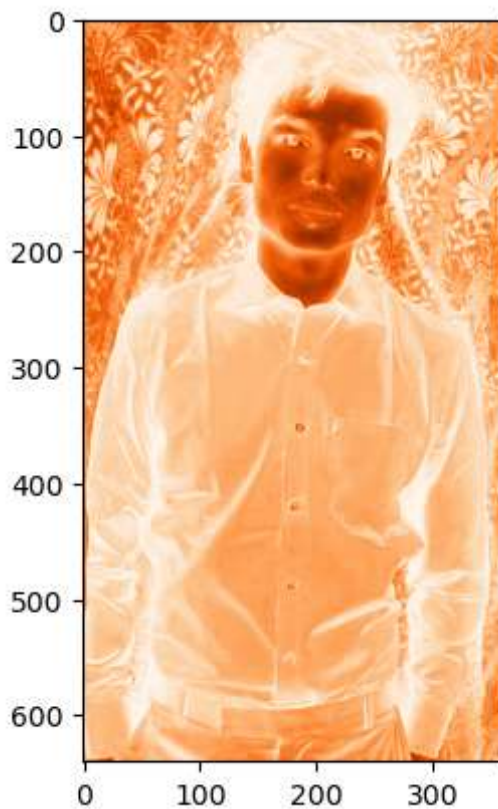
```
In [13]: plt.imshow(blue, cmap="Greens")
```

```
Out[13]: <matplotlib.image.AxesImage at 0x29906d58be0>
```



```
In [14]: plt.imshow(blue, cmap="Oranges")
```

```
Out[14]: <matplotlib.image.AxesImage at 0x29906dfd640>
```



```
In [15]: plt.imshow(blue, cmap="Purples")
```

```
Out[15]: <matplotlib.image.AxesImage at 0x29906e60640>
```

