

# Converting Colors

YIQ(106.1750, 88.2480, 63.7040)

Have a look what the booklet for  
YIQ(106.1750, 88.2480, 63.7040)  
contains.

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# Color

**YIQ(106.1750, 88.2480,  
63.7040)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E62975
RGB	230, 41, 117
RGB Percent	90%, 16%, 46%
CMY	0.0975, 0.8395, 0.5409
CMYK	0.00, 0.82, 0.49, 0.10
HSL	336°, 79%, 53%
HSV	336°, 82%, 90%
XYZ	36.6793, 19.7105, 18.7238
YIQ	106.1750, 88.2480, 63.7040

# Conversions

## Conversions Part 2

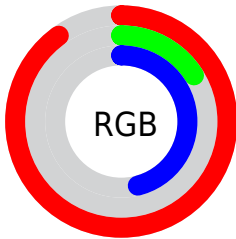
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	230, 41, 117
Decimal	15083893
CIE <sub>Lab</sub>	51.51, 73.04, 5.18
CIE <sub>LCh</sub>	52, 73.224, 4.053
Yxy	19.7105, 0.4883, 0.2624
Android (android.graphics.Color)	4293273973 (0xFFE62975)
YUV	106.1750, 5.3367, 108.5945
Hunter-Lab	44.3965, 69.7785, 6.0725

# Details

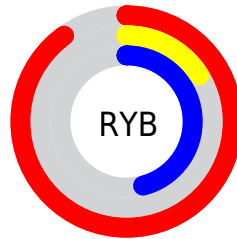
The YIQ color **106.1750, 88.2480, 63.7040** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **164.8250, -88.2480, -63.7040**, and the grayscale version is **106.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **158.9070, 68.0310, 50.1350**, and **58.0980, 77.9790, 57.0750** is the 20% darker color. If you saturate the color by 10%, you get **91.0780, 99.0670, 71.3790**, and if you desaturate by 10%, it is **121.2720, 77.4290, 56.0290**.

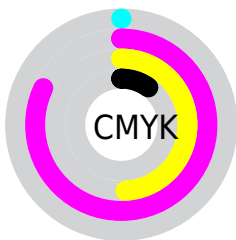
# Distribution



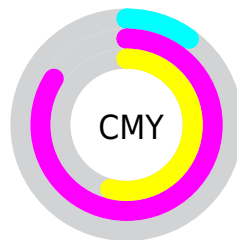
- Red (90%)
- Green (16%)
- Blue (46%)



- Red (90%)
- Yellow (16%)
- Blue (46%)



- Cyan (0%)
- Magenta (82%)
- Yellow (49%)
- Black (10%)




- Cyan (10%)
- Magenta (84%)
- Yellow (54%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 106.1750, 88.2480, 63.7040 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 106.1750, 88.2480, 63.7040 by changing the saturation by 10% instead.





 106.1750, 88.2480,  
63.7040


 106.1750, 88.2480,  
63.7040


255.0000, -0.0000,  
-0.0000


 70.1030, 88.7510,  
71.1110


 158.9070, 68.0310,  
50.1350


 58.0980, 77.9790,  
57.0750


 179.5950, 51.1140,  
42.8420


 46.6200, 67.1610,  
43.8730


 200.3970, 33.8760,  
35.8600

 35.0710, 55.1050,  
31.0810

 220.6120, 16.9130,  
29.4010

 23.9630, 46.1210,  
17.6810

 238.5640, 7.7000,  
14.6440

 14.2810, 27.3700,  
10.5860

 0.0000, 0.0000,

0.0000

■ 106.1750, 88.2480,  
63.7040

■ 106.1750, 88.2480,  
63.7040

■ 91.0780, 99.0670,  
71.3790

■ 121.2720, 77.4290,  
56.0290

■ 79.3720, 107.2270,  
77.6830


■ 136.3690, 66.6100,  
48.3540

■ 151.3520, 56.1120,  
40.3680


■ 166.4490, 45.2930,  
32.6930

■ 181.5460, 34.4740,  
25.0180

■ 196.6430, 23.6550,  
17.3430

 211.6260, 13.1570,  
9.3570

 226.7230, 2.3380,  
1.6820

 241.8200, -8.4810,  
-5.9930

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



119.2580, 45.6540, 64.7100



106.1750, 88.2480, 63.7040



110.6290, 97.3320, 31.2200

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



106.1750, 88.2480, 63.7040



103.4310, 6.7500, -56.2740



110.8450, -115.0810, -1.3930

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



106.1750, 88.2480, 63.7040



164.8250, -88.2480, -63.7040

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



109.3510, -102.6070, -18.2150



106.1750, 88.2480, 63.7040



92.9980, -60.6940, -56.4540

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



106.1750, 88.2480, 63.7040



114.3600, 50.2110, -34.4370



102.8700, -82.9800, -38.0200



103.5220, -115.1290, 10.4950



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



106.1750, 88.2480, 63.7040



112.9770, 95.0910, 0.2350



102.8700, -82.9800, -38.0200



111.2380, -112.0540, -6.6940

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



106.1750, 88.2480, 63.7040



213.1000, 29.7980, 21.6540



95.4360, 4.8910, 82.0990



102.4850, 18.1080, 13.2440



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



106.1750, 88.2480, 63.7040



89.8620, 117.7710, 84.8350



106.9030, 108.2440, 31.7000



107.1580, 5.5470, 4.0990



61.7290, 83.5720, 60.3400



17.6430, 23.6550, 17.3430



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



106.1750, 88.2480, 63.7040



89.8620, 117.7710, 84.8350



164.0970, -108.2440, -31.7000



107.1580, 5.5470, 4.0990



61.7290, 83.5720, 60.3400

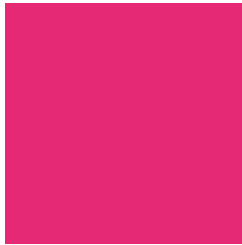


17.6430, 23.6550, 17.3430



# Previews

## White Background



This preview shows how the YIQ color 106.1750, 88.2480, 63.7040 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 106.1750, 88.2480, 63.7040 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

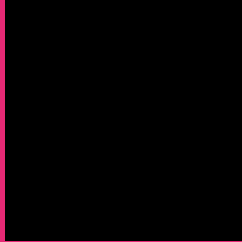
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YIQ 106.1750, 88.2480, 63.7040

## Background



This preview shows how black text looks on a background with the YIQ color 106.1750, 88.2480, 63.7040.



This preview shows how white text looks on a background with the YIQ color 106.1750, 88.2480,



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

106.1750, 88.2480, 63.7040

### Protanopia

123.8690, -18.2040, 10.5320

### Deuteranopia

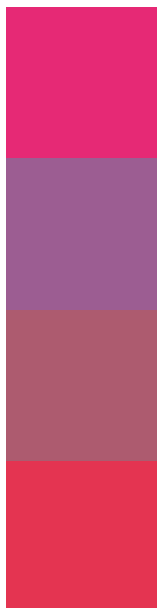
124.3240, 16.6430, 1.2430



## Tritanopia

108.7590, 100.0820, 36.4500

# Trichromacy



## Original Color

106.1750, 88.2480, 63.7040

## Protanomaly

117.8790, 20.5350, 29.8390

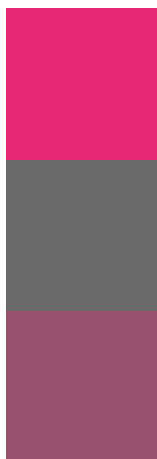
## Deuteranomaly

117.7980, 42.4520, 23.6040

## Tritanomaly

107.9300, 95.5870, 46.3310

# Monochromacy



## Original Color

106.1750, 88.2480, 63.7040

## Achromatopsia

106.0000, -0.0000, -0.0000

## Achromatomaly

105.8230, 32.1360, 23.3360

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 106.1750, 88.2480, 63.7040 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(230, 41, 117)` looks like.

```
.text, #text, p{  
    color:rgb(230, 41, 117)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(230, 41, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 41, 117) }
```

## Border

The CSS property to change the border of an element to YIQ 106.1750, 88.2480, 63.7040 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(230, 41, 117) }
```



If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(230, 41, 117) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(230, 41, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 41, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 41, 117);  
box-shadow:4px 4px 4px 4px rgb(230, 41,  
117) }
```

# Background

The CSS property to change the background color of an element to YIQ 106.1750, 88.2480, 63.7040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 41, 117) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(230, 41,  
117) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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