

# Converting Colors

YIQ(121.8780, 57.8070, 48.1990)

Have a look what the booklet for  
YIQ(121.8780, 57.8070, 48.1990)  
contains.

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# Color

**YIQ(121.8780, 57.8070,  
48.1990)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF4B8C
RGB	207, 75, 140
RGB Percent	81%, 29%, 55%
CMY	0.1879, 0.7061, 0.4508
CMYK	0.00, 0.64, 0.32, 0.19
HSL	330°, 58%, 55%
HSV	330°, 64%, 81%
XYZ	33.0067, 20.1979, 26.9875
YIQ	121.8780, 57.8070, 48.1990

# Conversions

## Conversions Part 2

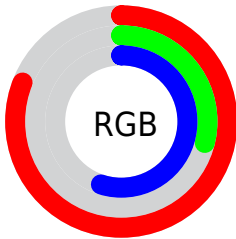
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	207, 75, 140
Decimal	13585292
CIE Lab	52.06, 58.08, -8.29
CIE LCh	52, 58.671, 351.881
Yxy	20.1979, 0.4116, 0.2519
Android (android.graphics.Color)	4291775372 (0xFFCF4B8C)
YUV	121.8780, 8.9341, 74.6520
Hunter-Lab	44.9420, 52.4469, -4.1440

# Details

The YIQ color **121.8780, 57.8070, 48.1990** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **160.1220, -57.8070, -48.1990**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **175.2580, 53.6810, 45.8810**, and **55.3980, 59.6390, 59.0550** is the 20% darker color. If you saturate the color by 10%, you get **108.4110, 66.7920, 56.0720**, and if you desaturate by 10%, it is **135.4590, 48.5010, 40.6370**.

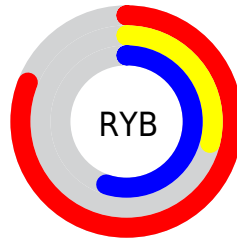
# Distribution



Red (81%)

Green (29%)

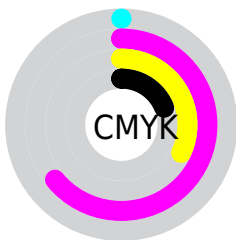
Blue (55%)



Red (81%)

Yellow (29%)

Blue (55%)

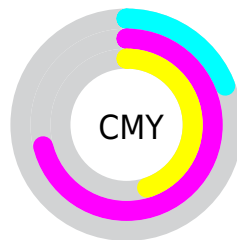


Cyan (0%)

Magenta (64%)

Yellow (32%)

Black (19%)



Cyan (19%)

Magenta (71%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 121.8780, 57.8070, 48.1990 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 121.8780, 57.8070, 48.1990 by changing the saturation by 10% instead.



121.8780, 57.8070,  
48.1990

121.8780, 57.8070,  
48.1990

255.0000, -0.0000,  
-0.0000

92.7470, 56.7980,  
49.9660

175.2580, 53.6810,  
45.8810

55.3980, 59.6390,  
59.0550

194.7720, 37.3140,  
39.6340

43.5180, 50.0130,  
46.2770

214.5140, 20.3050,  
34.0090

32.6380, 40.3870,  
33.4990

232.1070, 10.7250,  
20.3970

22.4700, 31.6320,  
21.4560

249.7170, 2.4750,  
4.7070

11.1770, 21.7310,  
8.1550

0.0000, 0.0000,

0.0000

■ 121.8780, 57.8070,  
48.1990

■ 121.8780, 57.8070,  
48.1990

■ 108.4110, 66.7920,  
56.0720

■ 135.4590, 48.5010,  
40.6370

■ 95.4170, 75.8230,  
63.1110

■ 148.3390, 39.7910,  
33.2870

■ 81.9500, 84.8080,  
70.9840

■ 161.9200, 30.4850,  
25.7250

■ 73.5210, 90.6300,  
75.6060

■ 175.3870, 21.5000,  
17.8520

■ 188.3810, 12.4690,  
10.8130

■ 201.8480, 3.4840,  
2.9400

■ 215.4290, -5.8220,  
-4.6220

■ 228.8960,  
-14.8070, -12.4950

■ 238.3680,  
-22.1880, -16.3960

# Harmonies

## Analogous

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



127.6250, 16.0390, 45.2470



121.8780, 57.8070, 48.1990



119.1460, 76.8830, 32.8750

# Triad

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



121.8780, 57.8070, 48.1990



112.9980, 27.5630, -42.4930



107.6700, -104.7630, -12.1790

# Complementary

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



121.8780, 57.8070, 48.1990



160.1220, -57.8070, -48.1990

# 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.



104.5290, -91.7850, -27.1210



121.8780, 57.8070, 48.1990



103.1220, -31.4440, -46.9000

# Square

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



121.8780, 57.8070, 48.1990



116.6330, 62.8640, -26.9600



98.6010, -75.0930, -43.2930



104.1940, -108.7540, -0.4180



# Rectangle

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



121.8780, 57.8070, 48.1990



119.9650, 78.1700, 15.0500



98.6010, -75.0930, -43.2930



107.3620, -101.1400, -17.2680

# Sweetspot

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



121.8780, 57.8070, 48.1990



223.9740, 21.2250, 17.3290



109.7820, -3.0360, 55.0440



108.6800, 13.0650, 11.0250



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.



121.8780, 57.8070, 48.1990



128.5480, 86.0000, 71.4080



114.4680, 78.6720, 27.9840



97.8590, 4.9510, 3.8870



59.6940, 73.4850, 61.4290



14.5390, 18.0160, 14.9120



# Inverse Universe

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



121.8780, 57.8070, 48.1990



128.5480, 86.0000, 71.4080



167.5320, -78.6720, -27.9840



97.8590, 4.9510, 3.8870



59.6940, 73.4850, 61.4290



14.5390, 18.0160, 14.9120



# Previews

## White Background



This preview shows how the YIQ color 121.8780, 57.8070, 48.1990 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

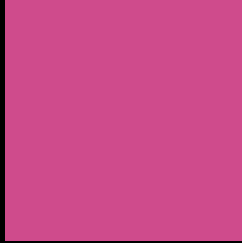
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 121.8780, 57.8070, 48.1990 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

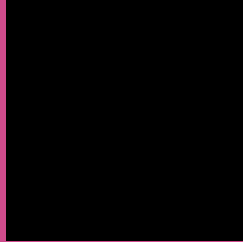
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 121.8780, 57.8070, 48.1990

## Background



This preview shows how black text looks on a background with the YIQ color 121.8780, 57.8070, 48.1990.



This preview shows how white text looks on a background with the YIQ color 121.8780, 57.8070,



# 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

121.8780, 57.8070, 48.1990

### Protanopia

124.8130, -23.7980, 12.7940

### Deuteranopia

125.9560, 3.3000, 6.2760



## Tritanopia

121.6670, 67.8060, 26.6700

# Trichromacy



## Original Color

121.8780, 57.8070, 48.1990

## Protanomaly

123.9310, 5.5890, 25.3730

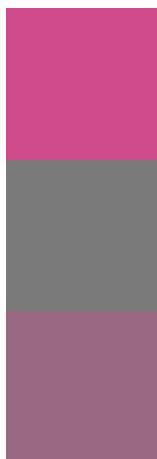
## Deuteranomaly

124.3920, 23.1040, 21.8240

## Tritanomaly

121.5560, 64.0450, 34.2610

# Monochromacy



## Original Color

121.8780, 57.8070, 48.1990

## Achromatopsia

122.0000, 0.0000, -0.0000

## Achromatomaly

122.0880, 20.9040, 17.6400

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 121.8780, 57.8070, 48.1990 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(207, 75, 140)` looks like.

```
.text, #text, p{  
    color:rgb(207, 75, 140)  
}
```

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(207, 75, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 75, 140) }
```

## Border

The CSS property to change the border of an element to YIQ 121.8780, 57.8070, 48.1990 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(207, 75, 140) }
```



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

```
.border{ border-color:rgb(207, 75, 140) }
```

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

Here you see how a box with a 4 pixel rgb(207, 75, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 75, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 75, 140);  
box-shadow:4px 4px 4px 4px rgb(207, 75,  
140) }
```

# Background

The CSS property to change the background color of an element to YIQ 121.8780, 57.8070, 48.1990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 75, 140) }
```

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

```
.background{ background-color: rgb(207, 75,  
140) }
```

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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