

Converting Colors

YIQ(83.8080, 57.1100, 99.3980)

Have a look what the booklet for
YIQ(83.8080, 57.1100, 99.3980)
contains.

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Color

**YIQ(83.8080, 57.1100,
99.3980)**

Conversions

Conversions Part 1

Format	Color
Hex	C804BE
RGB	200, 4, 190
RGB Percent	78%, 2%, 75%
CMY	0.2151, 0.9845, 0.2548
CMYK	0.00, 0.98, 0.05, 0.22
HSL	303°, 96%, 40%
HSV	303°, 98%, 78%
XYZ	33.1982, 16.1035, 50.0858
YIQ	83.8080, 57.1100, 99.3980

Conversions

Conversions Part 2

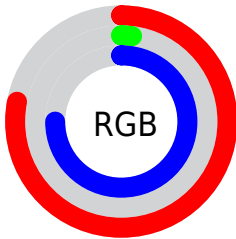
Format	Color
RYB	200, 4, 190
Decimal	13108414
CIELab	47.11, 80.10, -45.58
CIElCh	47, 92.158, 330.359
Yxy	16.1035, 0.3340, 0.1620
Android (android.graphics.Color)	4291298494 (0xFFC804BE)
YUV	83.8080, 52.3527, 101.9004
Hunter-Lab	40.1292, 77.4440, -45.9103

Details

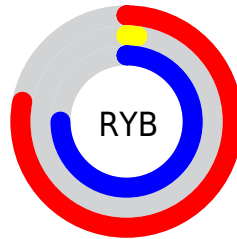
The YIQ color **83.8080, 57.1100, 99.3980** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as dark washed rose. A complement of this color would be **120.1920, -57.1100, -99.3980**, and the grayscale version is **83.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **158.4070, 47.3930, 82.7610**, and **57.6630, 40.3800, 72.1880** is the 20% darker color. If you saturate the color by 10%, you get **81.4600, 58.2100, 101.4900**, and if you desaturate by 10%, it is **95.6620, 51.2890, 89.2490**.

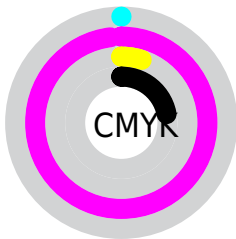
Distribution



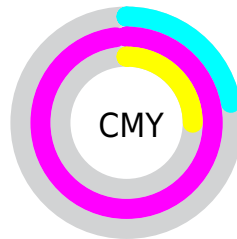
- Red (78%)
- Green (2%)
- Blue (75%)



- Red (78%)
- Yellow (2%)
- Blue (75%)



- Cyan (0%)
- Magenta (98%)
- Yellow (5%)
- Black (22%)



- Cyan (22%)
- Magenta (98%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 83.8080, 57.1100, 99.3980 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 83.8080, 57.1100, 99.3980 by changing the saturation by 10% instead.

83.8080, 57.1100,
99.3980

83.8080, 57.1100,
99.3980

255.0000, -0.0000,
-0.0000

69.4120, 48.9970,
86.7330

158.4070, 47.3930,
82.7610

57.6630, 40.3800,
72.1880

177.5160, 36.3000,
69.0360

46.0280, 31.4420,
57.9540

195.1260, 28.0500,
53.3460

34.8060, 22.7790,
44.2430

212.1490, 20.0750,
38.1790

23.9970, 14.3910,
31.0550

229.7590, 11.8250,
22.4890

12.1060, 3.2980,
17.3300

247.9560, 3.3000,

2.1830, -4.7690,

6.2760

3.8310

■ 0.0000, 0.0000,
0.0000

■ 83.8080, 57.1100,
99.3980

■ 83.8080, 57.1100,
99.3980

■ 81.4600, 58.2100,
101.4900

■ 95.6620, 51.2890,
89.2490

■ 107.5160, 45.4680,
79.1000

■ 119.3700, 39.6470,
68.9510

■ 131.2240, 33.8260,
58.8020

■ 143.0780, 28.0050,
48.6530

■ 154.9320, 22.1840,
38.5040

■ 166.7860, 16.3630,
28.3550

■ 178.6400, 10.5420,
18.2060

■ 190.4940, 4.7210,
8.0570

Harmonies

Analogous

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



107.1150, -52.5060, 48.5020



83.8080, 57.1100, 99.3980



84.2720, 104.9330, 86.2210

Triad

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



83.8080, 57.1100, 99.3980



105.2340, 50.8060, -28.6980



104.9000, -99.7190, -15.4870

Complementary

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



83.8080, 57.1100, 99.3980



120.1920, -57.1100, -99.3980

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.



95.4210, -74.4060, -39.2220



83.8080, 57.1100, 99.3980



91.2710, -4.4830, -56.4430

Square

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



83.8080, 57.1100, 99.3980



100.8570, 95.5490, 2.9490



82.5850, -43.7740, -65.7420



109.2780, -117.5580, 4.9540

Rectangle

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



83.8080, 57.1100, 99.3980



78.4580, 121.3040, 70.3600



82.5850, -43.7740, -65.7420



102.0500, -91.6940, -23.2620

Sweetspot

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



83.8080, 57.1100, 99.3980



211.1060, 21.6340, 37.4580



29.3340, -56.9560, 63.0760



101.2430, 13.3380, 22.6020



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.



83.8080, 57.1100, 99.3980



103.8330, 74.2980, 129.3220



72.6360, 88.5680, 68.9200



93.7170, 2.4750, 4.7070



66.4070, 47.3930, 82.7610



14.6400, 10.5420, 18.2060

Inverse Universe

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



83.8080, 57.1100, 99.3980



103.8330, 74.2980, 129.3220



131.3640, -88.5680, -68.9200



93.7170, 2.4750, 4.7070



66.4070, 47.3930, 82.7610



14.6400, 10.5420, 18.2060

Previews

White Background



This preview shows how the YIQ color 83.8080, 57.1100, 99.3980 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

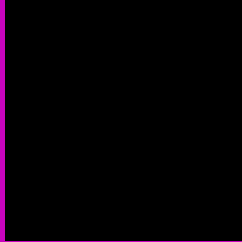
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 83.8080, 57.1100, 99.3980

Background



This preview shows how black text looks on a background with the YIQ color 83.8080, 57.1100, 99.3980.



This preview shows how white text looks on a background with the YIQ color 83.8080, 57.1100,

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

83.8080, 57.1100, 99.3980

Protanopia

90.4310, -104.4470, 15.1450

Deuteranopia

110.0590, -42.0460, 13.1060



Tritanopia

109.5420, 66.6600, 25.4120

Trichromacy



Original Color

83.8080, 57.1100, 99.3980



Protanomaly

88.2420, -45.6740, 45.8300



Deuteranomaly

100.1910, -6.1060, 44.5980



Tritanomaly

100.0360, 63.3540, 52.2980

Monochromacy



Original Color

83.8080, 57.1100, 99.3980



Achromatopsia

84.0000, -0.0000, -0.0000



Achromatomaly

83.9810, 20.4880, 36.2000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 83.8080, 57.1100, 99.3980 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(200, 4, 190)` looks like.

```
.text, #text, p{  
    color:rgb(200, 4, 190)  
}
```

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(200, 4, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 4, 190) }
```

Border

The CSS property to change the border of an element to YIQ 83.8080, 57.1100, 99.3980 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(200, 4, 190) }
```


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

```
.border{ border-color:rgb(200, 4, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 4, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 4, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 4, 190);  
box-shadow:4px 4px 4px 4px rgb(200, 4,  
190) }
```

Background

The CSS property to change the background color of an element to YIQ 83.8080, 57.1100, 99.3980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 4, 190) }
```

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

```
.background{ background-color: rgb(200, 4,  
190) }
```

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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