

Converting Colors

YIQ(85.4680, 63.7590, 94.5350)

Have a look what the booklet for
YIQ(85.4680, 63.7590, 94.5350)
contains.

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Color

**YIQ(85.4680, 63.7590,
94.5350)**

Conversions

Conversions Part 1

Format	Color
Hex	CD07B0
RGB	205, 7, 176
RGB Percent	80%, 3%, 69%
CMY	0.1955, 0.9727, 0.3097
CMYK	0.00, 0.97, 0.14, 0.20
HSL	309°, 93%, 42%
HSV	309°, 97%, 80%
XYZ	33.1320, 16.2860, 42.4877
YIQ	85.4680, 63.7590, 94.5350

Conversions

Conversions Part 2

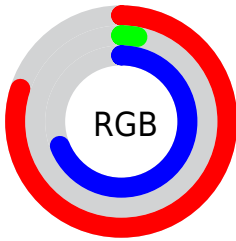
Format	Color
RYB	205, 7, 176
Decimal	13436848
CIELab	47.35, 78.84, -36.93
CIElCh	47, 87.061, 334.901
Yxy	16.2860, 0.3605, 0.1772
Android (android.graphics.Color)	4291626928 (0xFFCD07B0)
YUV	85.4680, 44.6323, 104.8296
Hunter-Lab	40.3560, 75.9247, -34.1728

Details

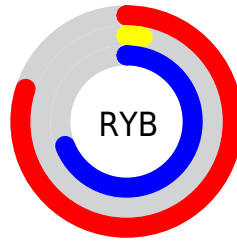
The YIQ color **85.4680, 63.7590, 94.5350** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as dark washed rose. A complement of this color would be **126.5320, -63.7590, -94.5350**, and the grayscale version is **85.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **157.2840, 51.9330, 77.5730**, and **57.6760, 47.5330, 69.2050** is the 20% darker color. If you saturate the color by 10%, you get **81.2450, 66.0050, 97.8850**, and if you desaturate by 10%, it is **97.5500, 57.2960, 85.0080**.

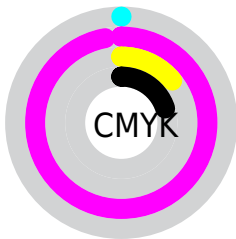
Distribution



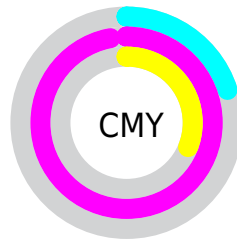
- Red (80%)
- Green (3%)
- Blue (69%)



- Red (80%)
- Yellow (3%)
- Blue (69%)



- Cyan (0%)
- Magenta (97%)
- Yellow (14%)
- Black (20%)





- Cyan (20%)
- Magenta (97%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 85.4680, 63.7590, 94.5350 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 85.4680, 63.7590, 94.5350 by changing the saturation by 10% instead.


 85.4680, 63.7590,
94.5350


 85.4680, 63.7590,
94.5350


255.0000, -0.0000,
-0.0000


 69.3110, 56.4710,
83.4390


 157.2840, 51.9330,
77.5730


 57.6760, 47.5330,
69.2050


 178.1030, 36.0250,
68.5130

 46.1550, 38.2740,
55.2820


 195.7130, 27.7750,
52.8230

 34.9330, 29.6110,
41.5710

 212.7360, 19.8000,
37.6560

 24.2380, 20.9020,
28.6940

 230.3460, 11.5500,
21.9660

 12.4610, 9.4880,
15.2800

 247.9560, 3.3000,

 0.0000, 0.0000,

6.2760

0.0000

■ 85.4680, 63.7590,
94.5350

■ 85.4680, 63.7590,
94.5350

■ 81.2450, 66.0050,
97.8850

■ 97.5500, 57.2960,
85.0080

■ 110.2190, 50.5580,
74.9580

■ 122.3010, 44.0950,
65.4310

■ 134.9700, 37.3570,
55.3810

■ 147.6390, 30.6190,
45.3310

■ 159.7210, 24.1560,
35.8040

■ 172.3900, 17.4180,
25.7540

■ 184.4720, 10.9550,
16.2270

■ 197.1410, 4.2170,
6.1770

Harmonies

Analogous

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



111.6680, -29.0780, 53.4340



85.4680, 63.7590, 94.5350



81.8220, 106.0800, 81.9520

Triad

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



85.4680, 63.7590, 94.5350



104.8910, 44.3420, -32.6980



105.1110, -101.6910, -12.7870

Complementary

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



85.4680, 63.7590, 94.5350



126.5320, -63.7590, -94.5350

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.



96.7890, -78.2580, -35.4900



85.4680, 63.7590, 94.5350



87.9710, -12.5060, -59.7220

Square

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



85.4680, 63.7590, 94.5350



104.0360, 87.4350, -4.1890



85.9080, -51.7530, -58.8010



107.9900, -116.6870, 5.6890

Rectangle

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



85.4680, 63.7590, 94.5350



75.4530, 119.7000, 66.3880



85.9080, -51.7530, -58.8010



103.0760, -94.5830, -20.4630

Sweetspot

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



85.4680, 63.7590, 94.5350



210.3080, 23.8810, 35.2810



37.3460, -48.0620, 67.0900



100.7870, 14.6220, 21.3580



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.



85.4680, 63.7590, 94.5350



101.0970, 82.0020, 121.8580



74.5240, 94.5750, 64.6790



96.0160, 3.0710, 4.9190



65.7080, 53.6750, 79.0430



15.1240, 12.0550, 18.3190

Inverse Universe

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



85.4680, 63.7590, 94.5350



101.0970, 82.0020, 121.8580



137.4760, -94.5750, -64.6790



96.0160, 3.0710, 4.9190



65.7080, 53.6750, 79.0430



15.1240, 12.0550, 18.3190

Previews

White Background



This preview shows how the YIQ color 85.4680, 63.7590, 94.5350 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

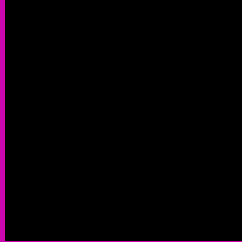
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 85.4680, 63.7590, 94.5350

Background



This preview shows how black text looks on a background with the YIQ color 85.4680, 63.7590, 94.5350.



This preview shows how white text looks on a background with the YIQ color 85.4680, 63.7590, 94.5350.

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

85.4680, 63.7590, 94.5350

Protanopia

91.1320, -105.0430, 14.9330

Deuteranopia

112.9480, -28.6120, 11.9320



Tritanopia

107.4290, 74.4080, 28.1680

Trichromacy



Original Color

85.4680, 63.7590, 94.5350



Protanomaly

89.4440, -43.4270, 43.6530



Deuteranomaly

102.7700, 5.2650, 42.2650



Tritanomaly

99.0430, 70.6440, 52.3400

Monochromacy



Original Color

85.4680, 63.7590, 94.5350



Achromatopsia

85.0000, -0.0000, 0.0000



Achromatomaly

85.4820, 23.3310, 34.2350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 85.4680, 63.7590, 94.5350 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(205, 7, 176)` looks like.

```
.text, #text, p{  
    color:rgb(205, 7, 176)  
}
```

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(205, 7, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 7, 176) }
```

Border

The CSS property to change the border of an element to YIQ 85.4680, 63.7590, 94.5350 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(205, 7, 176) }
```


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

```
.border{ border-color:rgb(205, 7, 176) }
```

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

Here you see how a box with a 4 pixel rgb(205, 7, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 7, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 7, 176);  
box-shadow:4px 4px 4px 4px rgb(205, 7,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 85.4680, 63.7590, 94.5350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 7, 176) }
```

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

```
.background{ background-color: rgb(205, 7,  
176) }
```

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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