

Converting Colors

YIQ(103.8380, 64.4520, 65.4440)

Have a look what the booklet for
YIQ(103.8380, 64.4520, 65.4440)
contains.

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Color

**YIQ(103.8380, 64.4520,
65.4440)**

Conversions

Conversions Part 1

Format	Color
Hex	CE2C90
RGB	206, 44, 144
RGB Percent	81%, 17%, 56%
CMY	0.1917, 0.8277, 0.4351
CMYK	0.00, 0.79, 0.30, 0.19
HSL	323°, 65%, 49%
HSV	323°, 79%, 81%
XYZ	31.4210, 16.9495, 28.0193
YIQ	103.8380, 64.4520, 65.4440

Conversions

Conversions Part 2

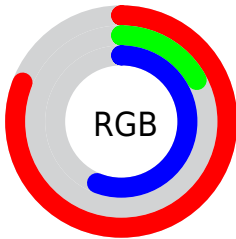
Format	Color
R _Y B	206, 44, 144
Decimal	13511824
CIE Lab	48.20, 69.02, -16.53
CIE LCh	48, 70.968, 346.532
Yxy	16.9495, 0.4113, 0.2219
Android (android.graphics.Color)	4291701904 (0xFFCE2C90)
YUV	103.8380, 19.7999, 89.5961
Hunter-Lab	41.1697, 64.1852, -11.5327

Details

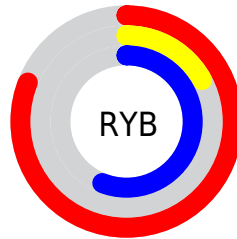
The YIQ color **103.8380, 64.4520, 65.4440** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **146.1620, -64.4520, -65.4440**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **161.6260, 58.9970, 59.6770**, and **54.6690, 57.4380, 60.3980** is the 20% darker color. If you saturate the color by 10%, you get **90.5990, 72.7950, 73.9390**, and if you desaturate by 10%, it is **117.0770, 56.1090, 56.9490**.

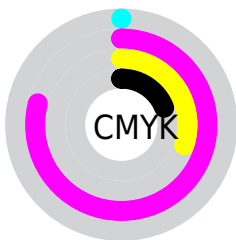
Distribution



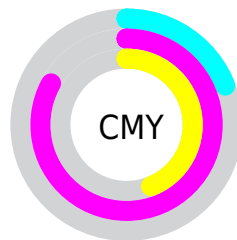
- Red (81%)
- Green (17%)
- Blue (56%)



- Red (81%)
- Yellow (17%)
- Blue (56%)



- Cyan (0%)
- Magenta (79%)
- Yellow (30%)
- Black (19%)





- Cyan (19%)
- Magenta (83%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 103.8380, 64.4520, 65.4440 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 103.8380, 64.4520, 65.4440 by changing the saturation by 10% instead.


 103.8380, 64.4520,
65.4440


 103.8380, 64.4520,
65.4440


255.0000, -0.0000,
-0.0000


 66.0760, 67.0180,
74.0100


 161.6260, 58.9970,
59.6770


 54.6690, 57.4380,
60.3980


 181.8410, 42.0340,
53.2180

 43.2620, 47.8580,
46.7860


 202.1700, 24.7500,
47.0700

 31.9690, 37.9570,
33.4850

 219.1930, 16.7750,
31.9030

 21.9150, 28.8810,
21.7530

 236.8030, 8.5250,
16.2130

 9.6820, 18.7510,
7.0950

254.4130, 0.2750,

 0.0000, 0.0000,

0.5230

0.0000

■ 103.8380, 64.4520,
65.4440

■ 103.8380, 64.4520,
65.4440

■ 90.5990, 72.7950,
73.9390

■ 117.0770, 56.1090,
56.9490

■ 77.9470, 80.8630,
81.9110

■ 129.7290, 48.0410,
48.9770

■ 76.0720, 82.0090,
83.1690

■ 142.9680, 39.6980,
40.4820

■ 155.6200, 31.6300,
32.5100

■ 168.7450, 23.6080,
23.7040

■ 181.9840, 15.2650,
15.2090

■ 194.6360, 7.1970,
7.2370

■ 207.8750, -1.1460,
-1.2580

■ 220.5270, -9.2140,
-9.2300

Harmonies

Analogous

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



116.4750, 8.0140, 53.0220



103.8380, 64.4520, 65.4440



97.6510, 92.2390, 51.9430

Triad

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



103.8380, 64.4520, 65.4440



103.9060, 30.8180, -40.9100



103.9200, -102.4710, -9.6630

Complementary

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



103.8380, 64.4520, 65.4440



146.1620, -64.4520, -65.4440

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.



98.9380, -85.6870, -27.5030



103.8380, 64.4520, 65.4440



84.1520, -32.1290, -62.0250

Square

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



103.8380, 64.4520, 65.4440



108.0130, 67.9060, -19.2140



91.1690, -65.1890, -46.5730



102.1710, -109.9470, 4.6850

Rectangle

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



103.8380, 64.4520, 65.4440



102.6560, 92.7020, 27.0220



91.1690, -65.1890, -46.5730



102.6830, -97.6100, -15.1620

Sweetspot

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



103.8380, 64.4520, 65.4440



216.5710, 24.1580, 24.7500



80.1090, -16.8380, 62.8900



104.5710, 14.9900, 14.6860



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.



103.8380, 64.4520, 65.4440



103.6320, 95.5320, 96.9080



94.9460, 89.4900, 41.1860



95.6740, 4.0340, 3.9860



61.2620, 66.1940, 66.9140



14.0980, 14.9440, 15.5200

Inverse Universe

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



103.8380, 64.4520, 65.4440



103.6320, 95.5320, 96.9080



155.0540, -89.4900, -41.1860



95.6740, 4.0340, 3.9860



61.2620, 66.1940, 66.9140



14.0980, 14.9440, 15.5200

Previews

White Background



This preview shows how the YIQ color 103.8380, 64.4520, 65.4440 looks on a white background.

Color Contrast Check

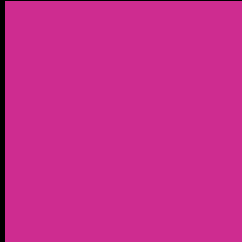
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 103.8380, 64.4520, 65.4440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

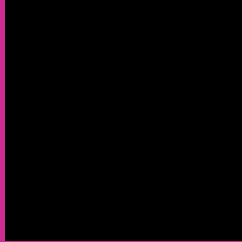
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 103.8380, 64.4520, 65.4440

Background



This preview shows how black text looks on a background with the YIQ color 103.8380, 64.4520, 65.4440.



This preview shows how white text looks on a background with the YIQ color 103.8380, 64.4520,

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

103.8380, 64.4520, 65.4440

Protanopia

112.6660, -45.0730, 18.4070

Deuteranopia

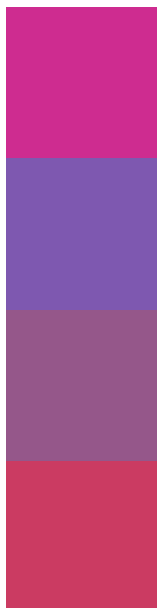
116.1170, -4.4030, 8.2130



Tritanopia

108.2230, 77.9840, 29.4400

Trichromacy



Original Color

103.8380, 64.4520, 65.4440

Protanomaly

109.3940, -5.6000, 35.4240

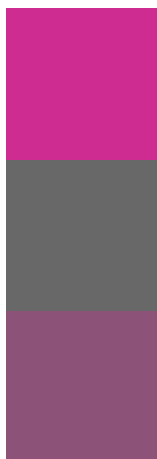
Deuteranomaly

111.3520, 20.5810, 29.0050

Tritanomaly

106.5020, 73.3050, 42.6570

Monochromacy



Original Color

103.8380, 64.4520, 65.4440

Achromatopsia

104.0000, -0.0000, -0.0000

Achromatomaly

103.8590, 23.2870, 24.0150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.8380, 64.4520, 65.4440 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(206, 44, 144)` looks like.

```
.text, #text, p{  
    color:rgb(206, 44, 144)  
}
```

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(206, 44, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 44, 144) }
```

Border

The CSS property to change the border of an element to YIQ 103.8380, 64.4520, 65.4440 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(206, 44, 144) }
```


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

```
.border{ border-color:rgb(206, 44, 144) }
```

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

Here you see how a box with a 4 pixel rgb(206, 44, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 44, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 44, 144);  
box-shadow:4px 4px 4px 4px rgb(206, 44,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 103.8380, 64.4520, 65.4440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 44, 144) }
```

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

```
.background{ background-color: rgb(206, 44,  
144) }
```

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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