

Converting Colors

YIQ(99.5420, 67.8010, 54.3050)

Have a look what the booklet for
YIQ(99.5420, 67.8010, 54.3050)
contains.

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Color

**YIQ(99.5420, 67.8010,
54.3050)**

Conversions

Conversions Part 1

Format	Color
Hex	C62E75
RGB	198, 46, 117
RGB Percent	78%, 18%, 46%
CMY	0.2231, 0.8198, 0.5410
CMYK	0.00, 0.77, 0.41, 0.22
HSL	332°, 62%, 48%
HSV	332°, 77%, 78%
XYZ	27.5046, 15.2545, 18.3412
YIQ	99.5420, 67.8010, 54.3050

Conversions

Conversions Part 2

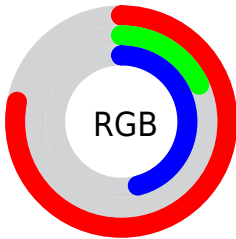
Format	Color
R_{YB}	198, 46, 117
Decimal	12988021
CIE Lab	45.98, 63.56, -3.59
CIE LCh	46, 63.662, 356.766
Yxy	15.2545, 0.4502, 0.2497
Android (android.graphics.Color)	4291178101 (0xFFC62E75)
YUV	99.5420, 8.6068, 86.3477
Hunter-Lab	39.0570, 57.3530, -0.5028

Details

The YIQ color **99.5420, 67.8010, 54.3050** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark muted rose. A complement of this color would be **144.4580, -67.8010, -54.3050**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **157.7330, 68.5810, 51.1810**, and **49.4270, 60.6950, 50.9270** is the 20% darker color. If you saturate the color by 10%, you get **86.6620, 76.5110, 61.6550**, and if you desaturate by 10%, it is **112.5360, 58.7700, 47.2660**.

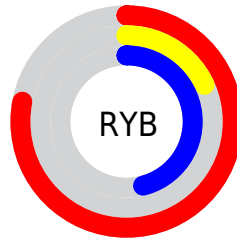
Distribution



Red (78%)

Green (18%)

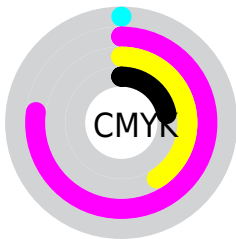
Blue (46%)



Red (78%)

Yellow (18%)

Blue (46%)

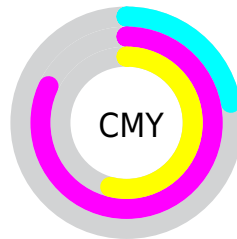


Cyan (0%)

Magenta (77%)

Yellow (41%)

Black (22%)



Cyan (22%)


Magenta (82%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 99.5420, 67.8010, 54.3050 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 99.5420, 67.8010, 54.3050 by changing the saturation by 10% instead.


 99.5420, 67.8010,
54.3050


 99.5420, 67.8010,
54.3050


255.0000, -0.0000,
-0.0000


 60.7200, 70.5960,
64.2280


 157.7330, 68.5810,
51.1810


 49.4270, 60.6950,
50.9270


 177.8340, 51.9390,
44.4110

 38.2480, 50.4730,
37.9370


 198.0490, 34.9760,
37.9520

 27.1830, 39.9300,
25.2580

 217.7910, 17.9670,
32.3270

 16.6730, 32.1380,
12.2820

 235.6290, 9.0750,
17.2590

 2.3920, 4.7680,
1.6960

 252.6520, 1.1000,

 0.0000, 0.0000,

2.0920

0.0000

■ 99.5420, 67.8010,
54.3050

■ 99.5420, 67.8010,
54.3050

■ 86.6620, 76.5110,
61.6550

■ 112.5360, 58.7700,
47.2660

■ 73.6680, 85.5420,
68.6940

■ 125.4160, 50.0600,
39.9160

■ 69.8040, 88.1550,
70.8990

■ 137.8230, 41.3040,
33.4000

■ 150.7030, 32.5940,
26.0500

■ 163.6970, 23.5630,
19.0110

■ 176.5770, 14.8530,
11.6610

■ 189.5710, 5.8220,
4.6220

■ 201.8640, -2.6130,
-2.2050

■ 214.8580,
-11.6440, -9.2440

Harmonies

Analogous

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



109.2890, 26.0330, 51.3530



99.5420, 67.8010, 54.3050



99.1960, 82.6140, 33.6380

Triad

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



99.5420, 67.8010, 54.3050



95.8550, 17.6600, -44.7400



97.7080, -98.7580, -5.3660

Complementary

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



99.5420, 67.8010, 54.3050



144.4580, -67.8010, -54.3050

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.



95.2680, -86.3760, -20.5200



99.5420, 67.8010, 54.3050



80.2660, -49.6450, -52.9490

Square

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



99.5420, 67.8010, 54.3050



102.5980, 52.7770, -25.8710



88.9980, -68.7210, -37.6250



93.3030, -101.5110, 5.9850

Rectangle

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



99.5420, 67.8010, 54.3050



101.9990, 80.8300, 10.8940



88.9980, -68.7210, -37.6250



97.5140, -95.4560, -10.1440

Sweetspot

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



99.5420, 67.8010, 54.3050



216.8330, 26.1760, 21.2160



86.9490, -1.7080, 64.0200



104.5880, 16.3200, 12.6080



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.



99.5420, 67.8010, 54.3050



102.8050, 104.7500, 84.0300



92.6220, 90.0420, 31.1780



93.1470, 4.0800, 3.1520



57.4010, 72.7520, 58.1920



12.7020, 15.9990, 12.9190

Inverse Universe

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



99.5420, 67.8010, 54.3050



102.8050, 104.7500, 84.0300



151.3780, -90.0420, -31.1780



93.1470, 4.0800, 3.1520



57.4010, 72.7520, 58.1920



12.7020, 15.9990, 12.9190

Previews

White Background



This preview shows how the YIQ color 99.5420, 67.8010, 54.3050 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

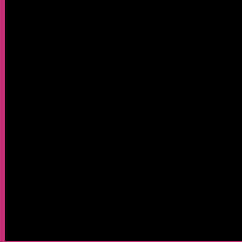
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 99.5420, 67.8010, 54.3050

Background



This preview shows how black text looks on a background with the YIQ color 99.5420, 67.8010, 54.3050.



This preview shows how white text looks on a background with the YIQ color 99.5420, 67.8010,

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

99.5420, 67.8010, 54.3050

Protanopia

109.5850, -23.1560, 12.1720

Deuteranopia

110.5280, 7.3810, 3.9010



Tritanopia

101.4080, 78.9010, 29.3410

Trichromacy



Original Color

99.5420, 67.8010, 54.3050

Protanomaly

105.5510, 9.7150, 27.6910

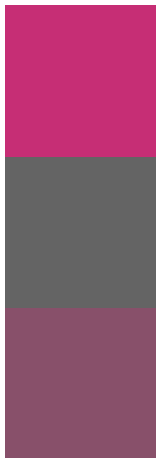
Deuteranomaly

106.3280, 29.1560, 22.2760

Tritanomaly

100.9380, 74.7730, 38.0770

Monochromacy



Original Color

99.5420, 67.8010, 54.3050

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

99.7080, 25.0300, 19.9580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.5420, 67.8010, 54.3050 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(198, 46, 117)` looks like.

```
.text, #text, p{  
    color:rgb(198, 46, 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(198, 46, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 46, 117) }
```

Border

The CSS property to change the border of an element to YIQ 99.5420, 67.8010, 54.3050 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(198, 46, 117) }
```


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

```
.border{ border-color:rgb(198, 46, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 46, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 46, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 46, 117);  
box-shadow:4px 4px 4px 4px rgb(198, 46,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 99.5420, 67.8010, 54.3050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 46, 117) }
```

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

```
.background{ background-color: rgb(198, 46,  
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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