

Converting Colors

YIQ(109.5450, 54.5510, 52.1430)

Have a look what the booklet for
YIQ(109.5450, 54.5510, 52.1430)
contains.

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Color

**YIQ(109.5450, 54.5510,
52.1430)**

Conversions

Conversions Part 1

Format	Color
Hex	C23D8A
RGB	194, 61, 138
RGB Percent	76%, 24%, 54%
CMY	0.2389, 0.7610, 0.4587
CMYK	0.00, 0.69, 0.29, 0.24
HSL	325°, 52%, 50%
HSV	325°, 69%, 76%
XYZ	28.5281, 16.6493, 25.7700
YIQ	109.5450, 54.5510, 52.1430

Conversions

Conversions Part 2

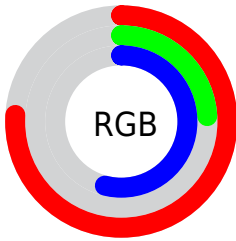
Format	Color
R_{YB}	194, 61, 138
Decimal	12729738
CIE _{Lab}	47.82, 59.71, -13.69
CIE _{LCh}	48, 61.255, 347.089
Yxy	16.6493, 0.4021, 0.2347
Android (android.graphics.Color)	4290919818 (0xFFC23D8A)
YUV	109.5450, 14.0283, 74.0670
Hunter-Lab	40.8036, 53.3933, -8.8828

Details

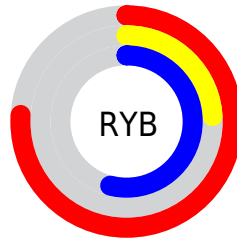
The YIQ color **109.5450, 54.5510, 52.1430** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **145.4550, -54.5510, -52.1430**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **166.9860, 57.6230, 51.5350**, and **50.6960, 52.8080, 56.2000** is the 20% darker color. If you saturate the color by 10%, you get **97.4800, 62.3440, 59.5920**, and if you desaturate by 10%, it is **121.6100, 46.7580, 44.6940**.

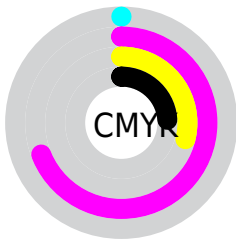
Distribution



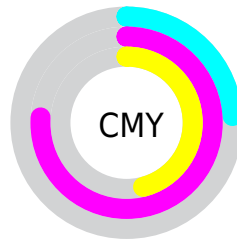
- Red (76%)
- Green (24%)
- Blue (54%)



- Red (76%)
- Yellow (24%)
- Blue (54%)



- Cyan (0%)
- Magenta (69%)
- Yellow (29%)
- Black (24%)





- Cyan (24%)
- Magenta (76%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 109.5450, 54.5510, 52.1430 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 109.5450, 54.5510, 52.1430 by changing the saturation by 10% instead.


 109.5450, 54.5510,
52.1430


 109.5450, 54.5510,
52.1430


255.0000, -0.0000,
-0.0000


 78.6530, 54.3670,
55.4790


 167.1000, 57.3020,
51.8460


 50.6960, 52.8080,
56.2000


 186.9130, 41.5310,
45.8110

 39.7020, 43.5030,
43.1110


 206.6550, 24.5220,
40.1860

 28.8220, 33.8770,
30.3330

 224.4760, 14.3000,
27.1960

 18.9530, 25.7180,
18.5020

 241.4990, 6.3250,
12.0290

 5.0830, 10.1320,
3.6040

 0.0000, 0.0000,

0.0000

■ 109.5450, 54.5510,
52.1430

■ 109.5450, 54.5510,
52.1430

■ 97.4800, 62.3440,
59.5920

■ 121.6100, 46.7580,
44.6940

■ 84.8280, 70.4120,
67.5640

■ 134.2620, 38.6900,
36.7220

■ 72.7630, 78.2050,
75.0130

■ 146.4410, 30.5760,
29.5840

■ 70.7740, 79.6720,
75.9600

■ 159.0930, 22.5080,
21.6120

■ 171.1580, 14.7150,
14.1630

■ 183.2230, 6.9220,
6.7140

■ 195.8750, -1.1460,
-1.2580

■ 207.9400, -8.9390,
-8.7070

■ 220.7060,
-17.3280, -16.3680

Harmonies

Analogous

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



116.4330, 7.8320, 45.3040



109.5450, 54.5510, 52.1430



105.4330, 77.7530, 39.1370

Triad

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



109.5450, 54.5510, 52.1430



103.0310, 31.9640, -39.6520



100.2040, -97.5190, -11.3030

Complementary

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



109.5450, 54.5510, 52.1430



145.4550, -54.5510, -52.1430

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.



96.6070, -83.2570, -27.4890



109.5450, 54.5510, 52.1430



92.8580, -21.9530, -48.2010

Square

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



109.5450, 54.5510, 52.1430



106.8060, 64.0550, -21.0090



89.3910, -65.6940, -42.9260



98.4720, -103.6650, 0.9670

Rectangle

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



109.5450, 54.5510, 52.1430



107.0240, 79.6820, 20.6900



89.3910, -65.6940, -42.9260



99.7820, -93.5750, -16.7030

Sweetspot

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



109.5450, 54.5510, 52.1430



218.3810, 21.6370, 20.8770



92.6070, -9.9130, 53.0230



107.6200, 13.2940, 12.3820



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.



109.5450, 54.5510, 52.1430



120.5730, 84.8520, 81.2040



102.0210, 75.7370, 31.6170



90.6740, 4.0340, 3.9860



58.7410, 66.1030, 63.0550



12.0330, 13.5690, 12.9050

Inverse Universe

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



109.5450, 54.5510, 52.1430



120.5730, 84.8520, 81.2040



152.9790, -75.7370, -31.6170



90.6740, 4.0340, 3.9860



58.7410, 66.1030, 63.0550



12.0330, 13.5690, 12.9050

Previews

White Background



This preview shows how the YIQ color 109.5450, 54.5510, 52.1430 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 109.5450, 54.5510, 52.1430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

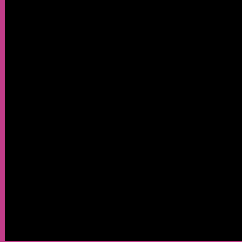
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 109.5450, 54.5510, 52.1430

Background



This preview shows how black text looks on a background with the YIQ color 109.5450, 54.5510, 52.1430.



This preview shows how white text looks on a background with the YIQ color 109.5450, 54.5510,

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

109.5450, 54.5510, 52.1430

Protanopia

113.2020, -32.1430, 15.3530

Deuteranopia

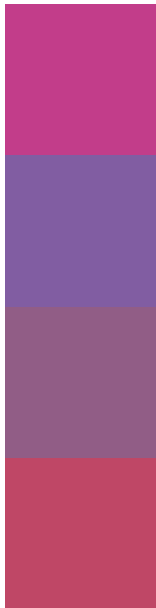
115.0740, -2.8440, 7.4920



Tritanopia

110.6560, 66.3390, 25.7230

Trichromacy



Original Color

109.5450, 54.5510, 52.1430

Protanomaly

111.6300, -0.6930, 29.0910

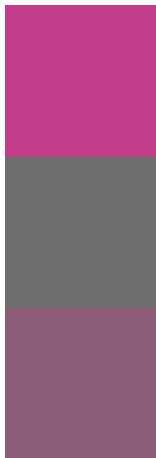
Deuteranomaly

113.2220, 17.8310, 23.7750

Tritanomaly

110.4140, 61.5690, 35.0810

Monochromacy



Original Color

109.5450, 54.5510, 52.1430

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.8430, 20.2160, 19.0960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.5450, 54.5510, 52.1430 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(194, 61, 138)` looks like.

```
.text, #text, p{  
    color:rgb(194, 61, 138)  
}
```

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(194, 61, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 61, 138) }
```

Border

The CSS property to change the border of an element to YIQ 109.5450, 54.5510, 52.1430 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(194, 61, 138) }
```


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

```
.border{ border-color:rgb(194, 61, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 61, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 61, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 61, 138);  
box-shadow:4px 4px 4px 4px rgb(194, 61,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 109.5450, 54.5510, 52.1430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 61, 138) }
```

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

```
.background{ background-color: rgb(194, 61,  
138) }
```

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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