

Converting Colors

YIQ(115.8220, 52.2130, 50.4610)

Have a look what the booklet for
YIQ(115.8220, 52.2130, 50.4610)
contains.

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Color

**YIQ(115.8220, 52.2130,
50.4610)**

Conversions

Conversions Part 1

Format	Color
Hex	C54590
RGB	197, 69, 144
RGB Percent	77%, 27%, 56%
CMY	0.2271, 0.7296, 0.4351
CMYK	0.00, 0.65, 0.27, 0.23
HSL	325°, 53%, 52%
HSV	325°, 65%, 77%
XYZ	30.2112, 18.1468, 28.3112
YIQ	115.8220, 52.2130, 50.4610

Conversions

Conversions Part 2

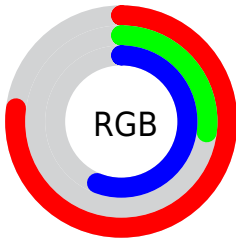
Format	Color
RYB	197, 69, 144
Decimal	12928400
CIELab	49.67, 58.15, -14.42
CIELCh	50, 59.915, 346.072
Yxy	18.1468, 0.3940, 0.2367
Android (android.graphics.Color)	4291118480 (0xFFC54590)
YUV	115.8220, 13.8918, 71.1931
Hunter-Lab	42.5991, 52.0434, -9.5845

Details

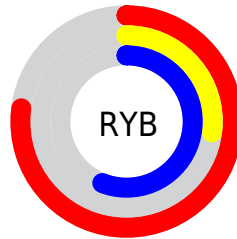
The YIQ color **115.8220, 52.2130, 50.4610** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **150.1780, -52.2130, -50.4610**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **172.1920, 54.0470, 50.2630**, and **52.2770, 52.6700, 58.7020** is the 20% darker color. If you saturate the color by 10%, you get **103.1700, 60.2810, 58.4330**, and if you desaturate by 10%, it is **128.4740, 44.1450, 42.4890**.

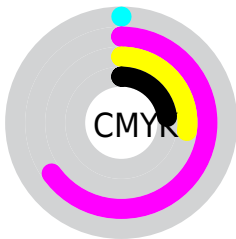
Distribution



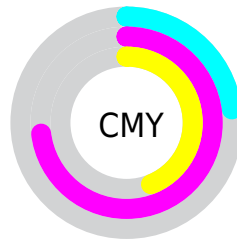
- Red (77%)
- Green (27%)
- Blue (56%)



- Red (77%)
- Yellow (27%)
- Blue (56%)



- Cyan (0%)
- Magenta (65%)
- Yellow (27%)
- Black (23%)





- Cyan (23%)
- Magenta (73%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 115.8220, 52.2130, 50.4610 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 115.8220, 52.2130, 50.4610 by changing the saturation by 10% instead.


 115.8220, 52.2130,
50.4610


 115.8220, 52.2130,
50.4610


255.0000, -0.0000,
-0.0000


 85.9900, 51.8000,
52.4400


 172.1920, 54.0470,
50.2630


 52.2770, 52.6700,
58.7020


 191.8200, 37.3590,
44.3270


 41.1690, 43.6860,
45.3020


 211.5620, 20.3500,
38.7020

 30.4740, 34.9770,
32.4250

 228.5850, 12.3750,
23.5350

 20.7190, 26.4970,
20.9050

 245.6080, 4.4000,
8.3680

 8.1870, 15.7710,
6.0350

 0.0000, 0.0000,

0.0000

■ 115.8220, 52.2130,
50.4610

■ 115.8220, 52.2130,
50.4610

■ 103.1700, 60.2810,
58.4330

■ 128.4740, 44.1450,
42.4890

■ 91.1050, 68.0740,
65.8820

■ 140.5390, 36.3520,
35.0400

■ 78.4530, 76.1420,
73.8540

■ 153.3050, 27.9630,
27.3790

■ 72.0130, 80.4970,
77.5290

■ 165.9570, 19.8950,
19.4070

■ 178.0220, 12.1020,
11.9580

■ 190.6740, 4.0340,
3.9860

■ 203.3260, -4.0340,
-3.9860

■ 215.9780,
-12.1020, -11.9580

■ 228.0430,
-19.8950, -19.4070

Harmonies

Analogous

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



121.0090, 6.0900, 43.8340



115.8220, 52.2130, 50.4610



111.5360, 75.9650, 38.5010

Triad

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



115.8220, 52.2130, 50.4610



107.4720, 35.0360, -40.2600



103.3670, -99.5360, -13.2960

Complementary

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



115.8220, 52.2130, 50.4610



150.1780, -52.2130, -50.4610

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.



99.2970, -85.3200, -28.6480



115.8220, 52.2130, 50.4610



100.0650, -18.1020, -46.4060

Square

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



115.8220, 52.2130, 50.4610



110.9480, 66.5310, -21.8290



92.6680, -68.0320, -44.6080



101.6350, -105.6820, -1.0260

Rectangle

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



115.8220, 52.2130, 50.4610



112.2520, 79.0400, 21.3120



92.6680, -68.0320, -44.6080



102.3580, -95.3170, -18.1730

Sweetspot

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



115.8220, 52.2130, 50.4610



222.6690, 20.7660, 20.1420



98.8410, -10.6920, 50.6200



108.3210, 12.6980, 12.1700



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.



115.8220, 52.2130, 50.4610



128.8390, 81.0470, 78.5750



108.7540, 72.1150, 31.1790



93.2610, 3.7590, 3.4630



59.6810, 66.3320, 64.4120



13.1580, 14.7150, 14.1630

Inverse Universe

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



115.8220, 52.2130, 50.4610



128.8390, 81.0470, 78.5750



157.2460, -72.1150, -31.1790



93.2610, 3.7590, 3.4630



59.6810, 66.3320, 64.4120



13.1580, 14.7150, 14.1630

Previews

White Background



This preview shows how the YIQ color 115.8220, 52.2130, 50.4610 looks on a white background.

Color Contrast Check

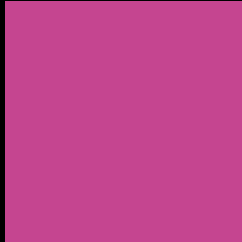
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.8220, 52.2130, 50.4610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

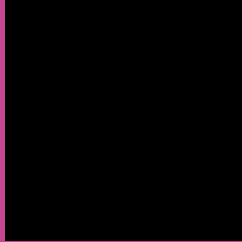
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 115.8220, 52.2130, 50.4610

Background



This preview shows how black text looks on a background with the YIQ color 115.8220, 52.2130, 50.4610.



This preview shows how white text looks on a background with the YIQ color 115.8220, 52.2130,

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

115.8220, 52.2130, 50.4610

Protanopia

118.0880, -31.8220, 15.0420

Deuteranopia

119.8890, -3.7610, 7.5910



Tritanopia

116.1610, 63.3590, 24.6630

Trichromacy



Original Color

115.8220, 52.2130, 50.4610

Protanomaly

117.3910, -1.5180, 27.5220

Deuteranomaly

118.6240, 16.6390, 23.3510

Tritanomaly

116.1040, 59.5060, 33.9220

Monochromacy



Original Color

115.8220, 52.2130, 50.4610

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.8320, 18.7490, 18.1490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.8220, 52.2130, 50.4610 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(197, 69, 144)` looks like.

```
.text, #text, p{  
    color:rgb(197, 69, 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(197, 69, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 69, 144) }
```

Border

The CSS property to change the border of an element to YIQ 115.8220, 52.2130, 50.4610 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(197, 69, 144) }
```


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

```
.border{ border-color:rgb(197, 69, 144) }
```

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

Here you see how a box with a 4 pixel rgb(197, 69, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 69, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 69, 144);  
box-shadow:4px 4px 4px 4px rgb(197, 69,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 115.8220, 52.2130, 50.4610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 69, 144) }
```

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

```
.background{ background-color: rgb(197, 69,  
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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