

Converting Colors

YIQ(112.8290, 59.5030, 50.5030)

Have a look what the booklet for
YIQ(112.8290, 59.5030, 50.5030)
contains.

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Color

**YIQ(112.8290, 59.5030,
50.5030)**

Conversions

Conversions Part 1

Format	Color
Hex	C94085
RGB	201, 64, 133
RGB Percent	79%, 25%, 52%
CMY	0.2114, 0.7492, 0.4782
CMYK	0.00, 0.68, 0.34, 0.21
HSL	330°, 56%, 52%
HSV	330°, 68%, 79%
XYZ	30.1797, 17.7856, 24.0495
YIQ	112.8290, 59.5030, 50.5030

Conversions

Conversions Part 2

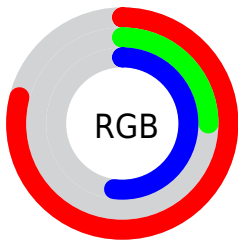
Format	Color
R _Y B	201, 64, 133
Decimal	13189253
CIE Lab	49.24, 59.93, -8.42
CIE LCh	49, 60.514, 352.000
Yxy	17.7856, 0.4191, 0.2470
Android (android.graphics.Color)	4291379333 (0xFFC94085)
YUV	112.8290, 9.9443, 77.3260
Hunter-Lab	42.1730, 53.9349, -4.2895

Details

The YIQ color **112.8290, 59.5030, 50.5030** 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 **152.1710, -59.5030, -50.5030**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.4760, 58.9990, 48.6230**, and **52.3330, 58.2640, 56.4400** is the 20% darker color. If you saturate the color by 10%, you get **99.9490, 68.2130, 57.8530**, and if you desaturate by 10%, it is **125.7090, 50.7930, 43.1530**.

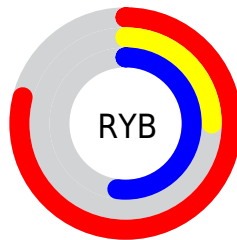
Distribution



Red (79%)

Green (25%)

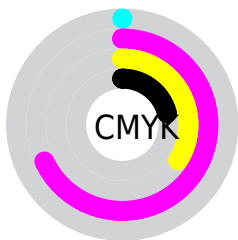
Blue (52%)



Red (79%)

Yellow (25%)

Blue (52%)

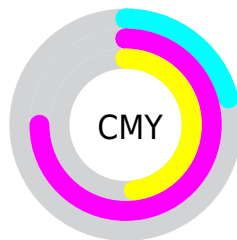


Cyan (0%)

Magenta (68%)

Yellow (34%)

Black (21%)



Cyan (21%)


Magenta (75%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 112.8290, 59.5030, 50.5030 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 112.8290, 59.5030, 50.5030 by changing the saturation by 10% instead.


 112.8290, 59.5030,
50.5030


 112.8290, 59.5030,
50.5030


255.0000, -0.0000,
-0.0000


 81.9370, 59.3190,
53.8390


 168.4760, 58.9990,
48.6230


 52.3330, 58.2640,
56.4400


 188.1040, 42.3110,
42.6870

 40.9260, 48.6840,
42.8280


 207.7320, 25.6230,
36.7510

 30.1600, 38.7370,
30.3610

 226.2370, 13.4750,
25.6270

 20.2910, 30.5780,
18.5300

 243.8470, 5.2250,
9.9370

 8.1870, 15.7710,
6.0350

 0.0000, 0.0000,

0.0000

■ 112.8290, 59.5030,
50.5030

■ 112.8290, 59.5030,
50.5030

■ 99.9490, 68.2130,
57.8530

■ 125.7090, 50.7930,
43.1530

■ 87.0690, 76.9230,
65.2030

■ 138.5890, 42.0830,
35.8030

■ 74.1890, 85.6330,
72.5530

■ 151.4690, 33.3730,
28.4530

■ 71.6130, 87.3750,
74.0230

■ 164.3490, 24.6630,
21.1030

■ 177.2290, 15.9530,
13.7530

■ 190.6960, 6.9680,
5.8800

■ 203.5760, -1.7420,
-1.4700

■ 216.4560,
-10.4520, -8.8200

■ 229.3360,
-19.1620, -16.1700

Harmonies

Analogous

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



119.8640, 16.8640, 46.8160



112.8290, 59.5030, 50.5030



109.9830, 78.9000, 34.8680

Triad

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



112.8290, 59.5030, 50.5030



105.3570, 27.9300, -43.6380



102.8770, -100.9120, -10.3840

Complementary

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



112.8290, 59.5030, 50.5030



152.1710, -59.5030, -50.5030

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.



99.7360, -87.9340, -25.3260



112.8290, 59.5030, 50.5030



93.2030, -36.1660, -49.4300

Square

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



112.8290, 59.5030, 50.5030



110.0180, 60.3420, -25.3060



93.1070, -70.6460, -41.2860



99.5150, -105.2240, 1.6880

Rectangle

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



112.8290, 59.5030, 50.5030



111.5630, 79.3620, 15.4740



93.1070, -70.6460, -41.2860



102.6830, -97.6100, -15.1620

Sweetspot

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



112.8290, 59.5030, 50.5030



222.2130, 22.0500, 18.8980



99.3520, -4.6410, 56.5990



107.9790, 13.6610, 11.2370



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.



112.8290, 59.5030, 50.5030



120.4610, 90.8590, 76.9630



105.1910, 81.0100, 29.6660



93.2610, 3.7590, 3.4630



58.0850, 70.8260, 60.0580



12.8160, 15.6780, 13.2300

Inverse Universe

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



112.8290, 59.5030, 50.5030



120.4610, 90.8590, 76.9630



159.8090, -81.0100, -29.6660



93.2610, 3.7590, 3.4630



58.0850, 70.8260, 60.0580



12.8160, 15.6780, 13.2300

Previews

White Background



This preview shows how the YIQ color 112.8290, 59.5030, 50.5030 looks on a white background.

Color Contrast Check

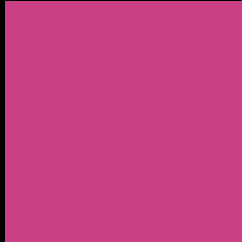
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.8290, 59.5030, 50.5030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

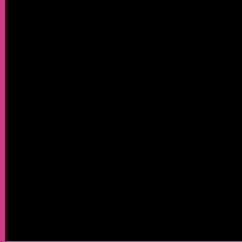
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 112.8290, 59.5030, 50.5030

Background



This preview shows how black text looks on a background with the YIQ color 112.8290, 59.5030, 50.5030.



This preview shows how white text looks on a background with the YIQ color 112.8290, 59.5030,

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

112.8290, 59.5030, 50.5030

Protanopia

117.4430, -25.6320, 12.9920

Deuteranopia

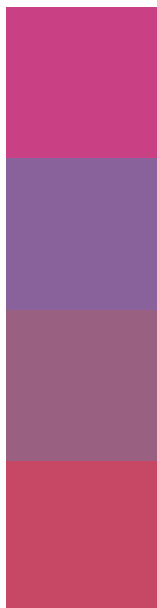
118.6570, 2.7040, 6.0640



Tritanopia

113.4500, 69.9150, 26.9950

Trichromacy



Original Color

112.8290, 59.5030, 50.5030

Protanomaly

115.5720, 5.2220, 26.5180

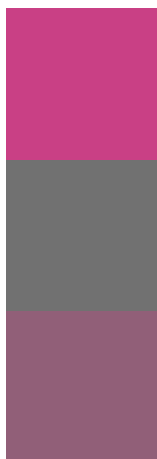
Deuteranomaly

116.8050, 23.3790, 22.3470

Tritanomaly

112.9800, 65.7870, 35.7310

Monochromacy



Original Color

112.8290, 59.5030, 50.5030

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

112.8000, 21.7750, 18.3750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.8290, 59.5030, 50.5030 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(201, 64, 133)` looks like.

```
.text, #text, p{  
    color:rgb(201, 64, 133)  
}
```

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(201, 64, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 64, 133) }
```

Border

The CSS property to change the border of an element to YIQ 112.8290, 59.5030, 50.5030 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(201, 64, 133) }
```


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

```
.border{ border-color:rgb(201, 64, 133) }
```

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

Here you see how a box with a 4 pixel rgb(201, 64, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 64, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 64, 133);  
box-shadow:4px 4px 4px 4px rgb(201, 64,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 112.8290, 59.5030, 50.5030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 64, 133) }
```

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

```
.background{ background-color: rgb(201, 64,  
133) }
```

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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