

Converting Colors

YIQ(118.0920, 50.6120, 29.9080)

Have a look what the booklet for
YIQ(118.0920, 50.6120, 29.9080)
contains.

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Color

**YIQ(118.0920, 50.6120,
29.9080)**

Conversions

Conversions Part 1

Format	Color
Hex	B95571
RGB	185, 85, 113
RGB Percent	73%, 33%, 44%
CMY	0.2743, 0.6668, 0.5567
CMYK	0.00, 0.54, 0.39, 0.27
HSL	343°, 42%, 53%
HSV	343°, 54%, 73%
XYZ	26.2517, 18.0061, 17.7282
YIQ	118.0920, 50.6120, 29.9080

Conversions

Conversions Part 2

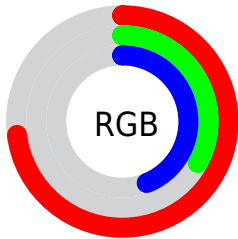
Format	Color
R_{YB}	185, 85, 113
Decimal	12146033
CIE _{Lab}	49.50, 43.28, 3.73
CIE _{LCh}	50, 43.437, 4.921
Yxy	18.0061, 0.4235, 0.2905
Android (android.graphics.Color)	4290336113 (0xFFB95571)
YUV	118.0920, -2.5104, 58.6783
Hunter-Lab	42.4336, 36.1711, 4.9329

Details

The YIQ color **118.0920, 50.6120, 29.9080** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **151.9080, -50.6120, -29.9080**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **172.7720, 54.5090, 30.8690**, and **64.4660, 46.6230, 30.6150** is the 20% darker color. If you saturate the color by 10%, you get **105.4570, 60.0100, 35.8020**, and if you desaturate by 10%, it is **130.1400, 41.4890, 24.5370**.

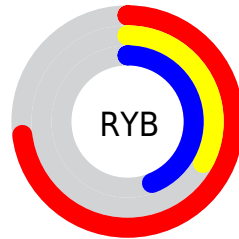
Distribution



Red (73%)

Green (33%)

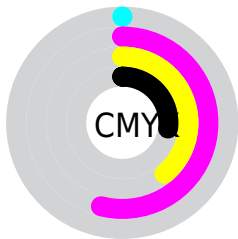
Blue (44%)



Red (73%)

Yellow (33%)

Blue (44%)

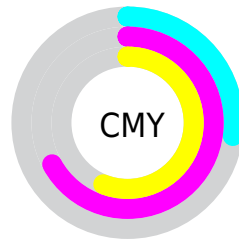


Cyan (0%)

Magenta (54%)

Yellow (39%)

Black (27%)



Cyan (27%)

Magenta (67%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.0920, 50.6120, 29.9080 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 118.0920, 50.6120, 29.9080 by changing the saturation by 10% instead.

■ 118.0920, 50.6120,
29.9080

■ 118.0920, 50.6120,
29.9080

■ 255.0000, -0.0000,
-0.0000

■ 91.4230, 48.1820,
29.8940

■ 172.7720, 54.5090,
30.8690

■ 64.4660, 46.6230,
30.6150

■ 194.9880, 44.9730,
27.4770

■ 35.2150, 46.0720,
35.0960

■ 214.6160, 28.2850,
21.5410

■ 24.7480, 36.7210,
22.8410

■ 234.2440, 11.5970,
15.6050

■ 15.4770, 29.7540,
11.4340

■ 252.6520, 1.1000,
2.0920

■ 0.0000, 0.0000,
0.0000

■ 118.0920, 50.6120,
29.9080

■ 118.0920, 50.6120,
29.9080

■ 105.4570, 60.0100,
35.8020

■ 130.1400, 41.4890,
24.5370

■ 93.2950, 69.4540,
40.8620

■ 142.8890, 31.7700,
18.9540

■ 80.6600, 78.8520,
46.7560

■ 154.9370, 22.6470,
13.5830

■ 68.6120, 87.9750,
52.1270

■ 167.5720, 13.2490,
7.6890

■ 61.2430, 93.5680,
55.3920


■ 179.7340, 3.8050,
2.6290

■ 192.3690, -5.5930,
-3.2650

■ 205.0040,
-14.9910, -9.1590

■ 217.1660,

-24.4350, -14.2190

 229.8010,
-33.8330, -20.1130

Harmonies

Analogous

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



120.7490, 26.9530, 34.6730



118.0920, 50.6120, 29.9080



116.6130, 58.7300, 14.9380

Triad

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



118.0920, 50.6120, 29.9080



109.3980, 3.4900, -30.2220



97.2860, -94.8140, -10.7660

Complementary

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



118.0920, 50.6120, 29.9080



151.9080, -50.6120, -29.9080

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.



97.3710, -88.1640, -21.1560



118.0920, 50.6120, 29.9080



99.7100, -41.4870, -35.5910

Square

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



118.0920, 50.6120, 29.9080



113.5930, 33.9780, -21.0780



93.8540, -76.8830, -32.8750



109.2570, -60.3390, 8.7250

Rectangle

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



118.0920, 50.6120, 29.9080



116.4410, 55.7980, 1.9900



93.8540, -76.8830, -32.8750



97.6620, -93.1170, -13.9890

Sweetspot

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



118.0920, 50.6120, 29.9080



213.9150, 19.7130, 11.6890



117.9280, 10.8120, 46.3640



104.5610, 11.7820, 6.7420



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



118.0920, 50.6120, 29.9080



135.6600, 78.8520, 46.7560



127.8140, 53.5500, 9.6940



85.9190, 4.7220, 2.5300



51.6600, 78.8520, 46.7560



9.2840, 14.1200, 8.4240

Inverse Universe

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



118.0920, 50.6120, 29.9080



135.6600, 78.8520, 46.7560



142.1860, -53.5500, -9.6940



85.9190, 4.7220, 2.5300



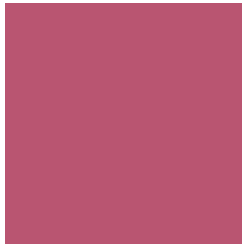
51.6600, 78.8520, 46.7560



9.2840, 14.1200, 8.4240

Previews

White Background



This preview shows how the YIQ color 118.0920, 50.6120, 29.9080 looks on a white background.

Color Contrast Check

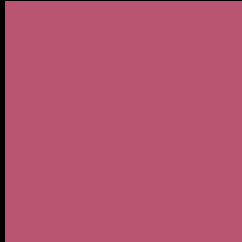
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.0920, 50.6120, 29.9080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

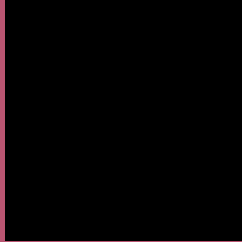
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 118.0920, 50.6120, 29.9080

Background



This preview shows how black text looks on a background with the YIQ color 118.0920, 50.6120, 29.9080.



This preview shows how white text looks on a background with the YIQ color 118.0920, 50.6120,

29.9080.

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

118.0920, 50.6120, 29.9080

Protanopia

118.4110, -5.4110, 4.4530

Deuteranopia

118.9970, 13.2500, 2.1620



Tritanopia

117.5020, 54.9690, 22.5290

Trichromacy



Original Color

118.0920, 50.6120, 29.9080

Protanomaly

118.0440, 15.0360, 13.8520

Deuteranomaly

118.4490, 26.9570, 12.5650

Tritanomaly

117.7130, 52.9970, 25.2290

Monochromacy



Original Color

118.0920, 50.6120, 29.9080

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

117.9040, 18.2460, 10.7420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.0920, 50.6120, 29.9080 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(185, 85, 113)` looks like.

```
.text, #text, p{  
    color:rgb(185, 85, 113)  
}
```

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(185, 85, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 85, 113) }
```

Border

The CSS property to change the border of an element to YIQ 118.0920, 50.6120, 29.9080 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(185, 85, 113) }
```


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

```
.border{ border-color:rgb(185, 85, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 85, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 85, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 85, 113);  
box-shadow:4px 4px 4px 4px rgb(185, 85,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 118.0920, 50.6120, 29.9080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 85, 113) }
```

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

```
.background{ background-color: rgb(185, 85,  
113) }
```

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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