

Converting Colors

YIQ(118.8680, 45.4310, 30.1910)

Have a look what the booklet for
YIQ(118.8680, 45.4310, 30.1910)
contains.

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Color

**YIQ(118.8680, 45.4310,
30.1910)**

Conversions

Conversions Part 1

Format	Color
Hex	B55778
RGB	181, 87, 120
RGB Percent	71%, 34%, 47%
CMY	0.2900, 0.6590, 0.5293
CMYK	0.00, 0.52, 0.34, 0.29
HSL	339°, 39%, 53%
HSV	339°, 52%, 71%
XYZ	25.8682, 17.9983, 19.8925
YIQ	118.8680, 45.4310, 30.1910

Conversions

Conversions Part 2

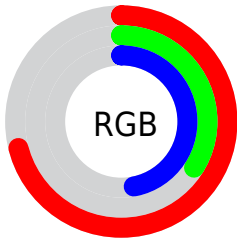
Format	Color
R_{YB}	181, 87, 120
Decimal	11884408
CIE _{Lab}	49.49, 41.72, -0.56
CIE _{LCh}	49, 41.727, 359.225
Yxy	17.9983, 0.4057, 0.2823
Android (android.graphics.Color)	4290074488 (0xFFB55778)
YUV	118.8680, 0.5581, 54.4898
Hunter-Lab	42.4244, 34.5974, 1.8965

Details

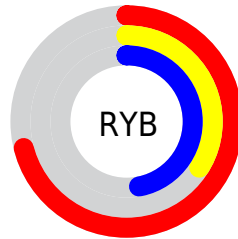
The YIQ color **118.8680, 45.4310, 30.1910** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **149.1320, -45.4310, -30.1910**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **173.2490, 48.7320, 30.9400**, and **66.1280, 41.7630, 30.5870** is the 20% darker color. If you saturate the color by 10%, you get **106.9340, 54.2330, 35.8730**, and if you desaturate by 10%, it is **130.8020, 36.6290, 24.5090**.

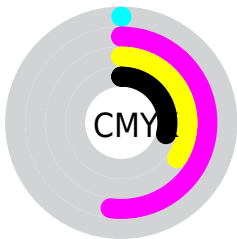
Distribution



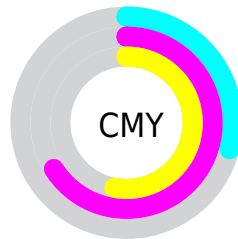
- Red (71%)
- Green (34%)
- Blue (47%)



- Red (71%)
- Yellow (34%)
- Blue (47%)



- Cyan (0%)
- Magenta (52%)
- Yellow (34%)
- Black (29%)



- Cyan (29%)
- Magenta (66%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.8680, 45.4310, 30.1910 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 118.8680, 45.4310, 30.1910 by changing the saturation by 10% instead.

■ 118.8680, 45.4310,
30.1910

■ 118.8680, 45.4310,
30.1910

■ 255.0000, -0.0000,
-0.0000

■ 92.3840, 43.9180,
30.0780

■ 173.2490, 48.7320,
30.9400

■ 66.1280, 41.7630,
30.5870

■ 197.0740, 41.8550,
28.9190

■ 36.0620, 42.1290,
34.9690

■ 216.7020, 25.1670,
22.9830

■ 24.5350, 33.0070,
24.0710

■ 236.2160, 8.8000,
16.7360

■ 15.1780, 29.1580,
11.2220

■ 253.2390, 0.8250,
1.5690

■ 0.0000, 0.0000,
0.0000

■ 118.8680, 45.4310,
30.1910

■ 118.8680, 45.4310,
30.1910

■ 106.9340, 54.2330,
35.8730

■ 130.8020, 36.6290,
24.5090

■ 95.1140, 62.7140,
41.8660

■ 142.7360, 27.8270,
18.8270

■ 83.1800, 71.5160,
47.5480

■ 154.5560, 19.3460,
12.8340

■ 71.2460, 80.3180,
53.2300

■ 166.4900, 10.5440,
7.1520

■ 61.4150, 87.3320,
58.2760


■ 178.4240, 1.7420,
1.4700

■ 190.8310, -7.0140,
-5.0460

■ 202.7650,
-15.8160, -10.7280

■ 214.6990,

-24.6180, -16.4100

 226.6330,
-33.4200, -22.0920

Harmonies

Analogous

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



121.1610, 19.8010, 32.1290



118.8680, 45.4310, 30.1910



117.5250, 56.1620, 17.4260

Triad

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



118.8680, 45.4310, 30.1910



110.8010, 9.7250, -27.5790



97.1890, -93.1630, -13.1550

Complementary

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



118.8680, 45.4310, 30.1910



149.1320, -45.4310, -30.1910

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.



96.4590, -85.5960, -23.6440



118.8680, 45.4310, 30.1910



103.3480, -28.6040, -32.2840

Square

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



118.8680, 45.4310, 30.1910



114.0820, 37.0950, -16.9930



92.4690, -74.3610, -34.5290



105.6040, -68.8660, 3.5660

Rectangle

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



118.8680, 45.4310, 30.1910



116.6630, 55.2930, 5.6370



92.4690, -74.3610, -34.5290



96.8640, -90.8700, -16.1660

Sweetspot

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



118.8680, 45.4310, 30.1910



209.8440, 18.4750, 12.0990



115.6560, 5.5860, 41.9540



102.4900, 10.5440, 7.1520



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



118.8680, 45.4310, 30.1910



138.4680, 70.6450, 46.8130



122.7370, 52.4490, 13.1290



86.0330, 4.4010, 2.8410



52.9140, 75.3210, 50.1770



9.5120, 13.4780, 9.0460

Inverse Universe

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



118.8680, 45.4310, 30.1910



138.4680, 70.6450, 46.8130



145.8500, -52.7240, -13.6520



86.0330, 4.4010, 2.8410



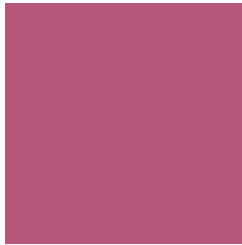
52.9140, 75.3210, 50.1770



9.5120, 13.4780, 9.0460

Previews

White Background



This preview shows how the YIQ color 118.8680, 45.4310, 30.1910 looks on a white background.

Color Contrast Check

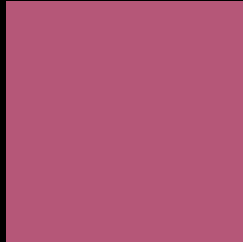
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.8680, 45.4310, 30.1910 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 118.8680, 45.4310, 30.1910

Background



This preview shows how black text looks on a background with the YIQ color 118.8680, 45.4310, 30.1910.



This preview shows how white text looks on a background with the YIQ color 118.8680, 45.4310,

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

118.8680, 45.4310, 30.1910

Protanopia

118.6110, -8.8500, 6.2060

Deuteranopia

119.3110, 9.4900, 4.2260



Tritanopia

118.1100, 50.2010, 20.8330

Trichromacy



Original Color

118.8680, 45.4310, 30.1910

Protanomaly

118.5320, 10.7260, 14.8700

Deuteranomaly

118.9370, 22.6470, 13.5830

Tritanomaly

118.7340, 48.5040, 24.0560

Monochromacy



Original Color

118.8680, 45.4310, 30.1910

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

118.8330, 17.0080, 11.1520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.8680, 45.4310, 30.1910 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(181, 87, 120)` looks like.

```
.text, #text, p{  
    color:rgb(181, 87, 120)  
}
```

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(181, 87, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 87, 120) }
```

Border

The CSS property to change the border of an element to YIQ 118.8680, 45.4310, 30.1910 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(181, 87, 120) }
```


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

```
.border{ border-color:rgb(181, 87, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 87, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 87, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 87, 120);  
box-shadow:4px 4px 4px 4px rgb(181, 87,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 118.8680, 45.4310, 30.1910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 87, 120) }
```

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

```
.background{ background-color: rgb(181, 87,  
120) }
```

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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