

Converting Colors

YIQ(118.2020, 56.1140, 29.3140)

Have a look what the booklet for
YIQ(118.2020, 56.1140, 29.3140)
contains.

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Color

**YIQ(118.2020, 56.1140,
29.3140)**

Conversions

Conversions Part 1

Format	Color
Hex	BE546A
RGB	190, 84, 106
RGB Percent	75%, 33%, 42%
CMY	0.2546, 0.6707, 0.5841
CMYK	0.00, 0.56, 0.44, 0.25
HSL	348°, 45%, 54%
HSV	348°, 56%, 75%
XYZ	27.0233, 18.3313, 15.7640
YIQ	118.2020, 56.1140, 29.3140

Conversions

Conversions Part 2

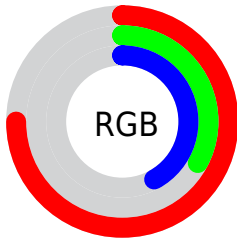
Format	Color
R _Y B	190, 84, 106
Decimal	12473450
CIE Lab	49.90, 44.75, 8.59
CIE LCh	50, 45.564, 10.873
Yxy	18.3313, 0.4421, 0.2999
Android (android.graphics.Color)	4290663530 (0xFFBE546A)
YUV	118.2020, -6.0156, 62.9668
Hunter-Lab	42.8151, 37.7360, 8.1407

Details

The YIQ color **118.2020, 56.1140, 29.3140** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **155.7980, -56.1140, -29.3140**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **173.0670, 60.9280, 30.1760**, and **63.8040, 51.4830, 30.6430** is the 20% darker color. If you saturate the color by 10%, you get **105.3390, 66.1540, 34.5860**, and if you desaturate by 10%, it is **131.0650, 46.0740, 24.0420**.

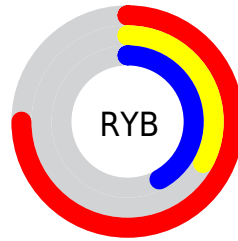
Distribution



Red (75%)

Green (33%)

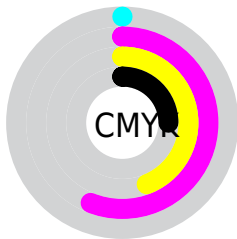
Blue (42%)



Red (75%)

Yellow (33%)

Blue (42%)

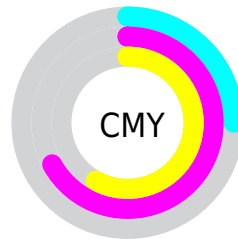


Cyan (0%)

Magenta (56%)

Yellow (44%)

Black (25%)



Cyan (25%)

Magenta (67%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.2020, 56.1140, 29.3140 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 118.2020, 56.1140, 29.3140 by changing the saturation by 10% instead.

■ 118.2020, 56.1140,
29.3140

■ 118.2020, 56.1140,
29.3140

255.0000, -0.0000,
-0.0000

■ 91.5330, 53.6840,
29.3000

■ 173.0670, 60.9280,
30.1760

■ 64.1030, 52.0790,
30.8550

■ 193.4890, 47.8160,
25.5120

■ 35.4280, 49.7860,
33.8660

■ 213.1170, 31.1280,
19.5760

■ 24.9610, 40.4350,
21.6110

■ 233.3320, 14.1650,
13.1170

■ 16.0750, 30.9460,
11.8580

■ 252.0650, 1.3750,
2.6150

■ 0.8970, 1.7880,
0.6360

■ 0.0000, 0.0000,

0.0000

■ 118.2020, 56.1140,
29.3140

■ 118.2020, 56.1140,
29.3140

■ 105.3390, 66.1540,
34.5860

■ 131.0650, 46.0740,
24.0420

■ 92.4760, 76.1940,
39.8580

■ 143.9280, 36.0340,
18.7700

■ 79.6130, 86.2340,
45.1300

■ 156.7910, 25.9940,
13.4980

■ 66.7500, 96.2740,
50.4020

■ 169.6540, 15.9540,
8.2260

■ 61.3700, 100.4000,
52.7200

■ 182.5170, 5.9140,
2.9540

■ 195.3800, -4.1260,
-2.3180

■ 208.2430,
-14.1660, -7.5900

■ 221.1060,
-24.2060, -12.8620

■ 233.9690,
-34.2460, -18.1340

Harmonies

Analogous

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



120.8100, 34.1510, 36.3830



118.2020, 56.1140, 29.3140



117.2880, 61.0230, 11.9270

Triad

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



118.2020, 56.1140, 29.3140



108.5110, -4.2580, -32.9780



98.0840, -97.0610, -8.5890

Complementary

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



118.2020, 56.1140, 29.3140



155.7980, -56.1140, -29.3140

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.



98.9840, -91.3280, -18.8800



118.2020, 56.1140, 29.3140



90.3200, -66.9320, -42.5160

Square

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



118.2020, 56.1140, 29.3140



113.2180, 30.5400, -24.8520



96.0540, -80.3220, -31.1220



113.3230, -51.5370, 14.4070

Rectangle

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



118.2020, 56.1140, 29.3140



116.8060, 56.0280, -2.1800



96.0540, -80.3220, -31.1220



98.6880, -96.0060, -11.1900

Sweetspot

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



118.2020, 56.1140, 29.3140



218.5840, 22.1430, 11.7030



120.9010, 15.4420, 50.5620



108.0450, 13.2950, 6.8550



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



118.2020, 56.1140, 29.3140



135.2110, 87.4260, 45.5540



133.3040, 54.9260, 6.7820



87.9190, 4.7220, 2.5300



51.0040, 83.5750, 43.7590



9.9530, 16.5500, 8.4380

Inverse Universe

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



118.2020, 56.1140, 29.3140



135.2110, 87.4260, 45.5540



140.6960, -54.9260, -6.7820



87.9190, 4.7220, 2.5300



51.0040, 83.5750, 43.7590



9.9530, 16.5500, 8.4380

Previews

White Background



This preview shows how the YIQ color 118.2020, 56.1140, 29.3140 looks on a white background.

Color Contrast Check

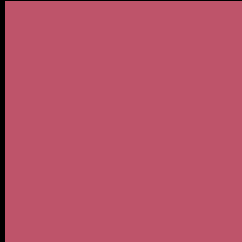
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.2020, 56.1140, 29.3140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

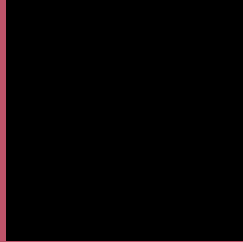
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 118.2020, 56.1140, 29.3140

Background



This preview shows how black text looks on a background with the YIQ color 118.2020, 56.1140, 29.3140.



This preview shows how white text looks on a background with the YIQ color 118.2020, 56.1140,

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

118.2020, 56.1140, 29.3140

Protanopia

119.9830, -1.3300, 2.0780

Deuteranopia

119.9820, 17.6060, 0.3100



Tritanopia

117.4810, 59.4620, 23.7020

Trichromacy



Original Color

118.2020, 56.1140, 29.3140

Protanomaly

119.0290, 19.3920, 12.0000

Deuteranomaly

119.4340, 31.3130, 10.7130

Tritanomaly

117.4640, 58.1320, 25.7800

Monochromacy



Original Color

118.2020, 56.1140, 29.3140

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

118.2740, 20.0800, 10.5440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.2020, 56.1140, 29.3140 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(190, 84, 106)` looks like.

```
.text, #text, p{  
    color:rgb(190, 84, 106)  
}
```

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(190, 84, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 84, 106) }
```

Border

The CSS property to change the border of an element to YIQ 118.2020, 56.1140, 29.3140 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(190, 84, 106) }
```


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

```
.border{ border-color:rgb(190, 84, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 84, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 84, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 84, 106);  
box-shadow:4px 4px 4px 4px rgb(190, 84,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 118.2020, 56.1140, 29.3140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 84, 106) }
```

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

```
.background{ background-color: rgb(190, 84,  
106) }
```

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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