

Converting Colors

YIQ(113.4520, 58.4060, 31.8300)

Have a look what the booklet for
YIQ(113.4520, 58.4060, 31.8300)
contains.

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Color

**YIQ(113.4520, 58.4060,
31.8300)**

Conversions

Conversions Part 1

Format	Color
Hex	BD4D67
RGB	189, 77, 103
RGB Percent	74%, 30%, 40%
CMY	0.2585, 0.6982, 0.5959
CMYK	0.00, 0.59, 0.45, 0.26
HSL	346°, 46%, 52%
HSV	346°, 59%, 74%
XYZ	26.1056, 17.1096, 14.7727
YIQ	113.4520, 58.4060, 31.8300

Conversions

Conversions Part 2

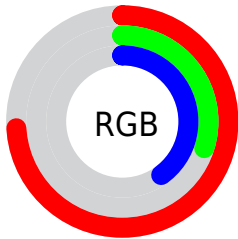
Format	Color
RYB	189, 77, 103
Decimal	12406119
CIELab	48.40, 47.44, 8.26
CIELCh	48, 48.151, 9.879
Yxy	17.1096, 0.4502, 0.2951
Android (android.graphics.Color)	4290596199 (0xFFBD4D67)
YUV	113.4520, -5.1528, 66.2556
Hunter-Lab	41.3637, 40.2691, 7.7796

Details

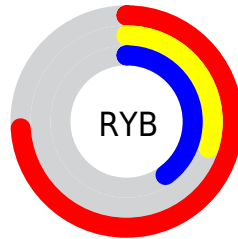
The YIQ color **113.4520, 58.4060, 31.8300** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **152.5480, -58.4060, -31.8300**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.3170, 63.2200, 32.6920**, and **56.7060, 54.8750, 35.2510** is the 20% darker color. If you saturate the color by 10%, you get **100.7030, 68.1250, 37.4130**, and if you desaturate by 10%, it is **126.3150, 48.3660, 26.5580**.

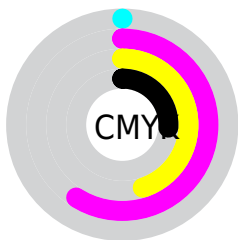
Distribution



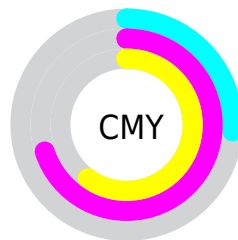
- Red (74%)
- Green (30%)
- Blue (40%)



- Red (74%)
- Yellow (30%)
- Blue (40%)



- Cyan (0%)
- Magenta (59%)
- Yellow (45%)
- Black (26%)




- Cyan (26%)
- Magenta (70%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 113.4520, 58.4060, 31.8300 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 113.4520, 58.4060, 31.8300 by changing the saturation by 10% instead.


 113.4520, 58.4060,
31.8300


 113.4520, 58.4060,
31.8300


255.0000, -0.0000,
-0.0000


 86.1960, 56.2510,
32.3390


 168.3170, 63.2200,
32.6920


 56.7060, 54.8750,
35.2510


 189.6250, 50.4290,
27.7170

 34.7870, 50.1530,
32.7210

 209.1390, 34.0620,
21.4700

 23.9070, 40.5270,
19.9430

 228.7670, 17.3740,
15.5340

 15.1780, 29.1580,
11.2220

 247.9560, 3.3000,
6.2760

 0.0000, 0.0000,
0.0000

■ 113.4520, 58.4060,
31.8300

■ 113.4520, 58.4060,
31.8300

■ 100.7030, 68.1250,
37.4130

■ 126.3150, 48.3660,
26.5580

■ 87.8400, 78.1650,
42.6850

■ 139.0640, 38.6470,
20.9750

■ 75.0910, 87.8840,
48.2680

■ 151.9270, 28.6070,
15.7030

■ 62.2280, 97.9240,
53.5400

■ 164.6760, 18.8880,
10.1200

■ 61.5270, 98.5200,
53.7520


■ 176.9520, 9.1230,
5.3710

■ 189.7010, -0.5960,
-0.2120

■ 202.5640,
-10.6360, -5.4840

■ 215.3130,

-20.3550, -11.0670

 228.1760,
-30.3950, -16.3390

Harmonies

Analogous

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



116.5760, 34.9300, 38.7860



113.4520, 58.4060, 31.8300



112.8970, 63.6820, 13.2980

Triad

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



113.4520, 58.4060, 31.8300



103.9410, -2.6530, -34.5330



96.3230, -96.2360, -7.0200

Complementary

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



113.4520, 58.4060, 31.8300



152.5480, -58.4060, -31.8300

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.



96.9950, -89.8610, -17.9330



113.4520, 58.4060, 31.8300



87.7610, -63.8600, -43.1240

Square

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



113.4520, 58.4060, 31.8300



108.7190, 33.3830, -26.8170



93.8370, -78.2130, -30.7970



107.0770, -59.6520, 12.7960

Rectangle

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



113.4520, 58.4060, 31.8300



112.1870, 59.3290, -1.4310



93.8370, -78.2130, -30.7970



96.8130, -94.8600, -9.9320

Sweetspot

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



113.4520, 58.4060, 31.8300



215.2960, 23.0140, 12.4380



115.4820, 15.3040, 53.0640



103.8710, 13.8450, 7.9010



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



113.4520, 58.4060, 31.8300



127.5860, 90.8640, 49.3280



128.0980, 58.5020, 8.0540



87.9190, 4.7220, 2.5300



51.4600, 82.2910, 45.0030



10.0670, 16.2290, 8.7490

Inverse Universe

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



113.4520, 58.4060, 31.8300



127.5860, 90.8640, 49.3280



137.9020, -58.5020, -8.0540



87.9190, 4.7220, 2.5300



51.4600, 82.2910, 45.0030



10.0670, 16.2290, 8.7490

Previews

White Background



This preview shows how the YIQ color 113.4520, 58.4060, 31.8300 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 113.4520, 58.4060, 31.8300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

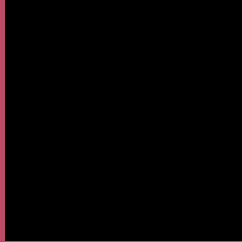
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 113.4520, 58.4060, 31.8300

Background



This preview shows how black text looks on a background with the YIQ color 113.4520, 58.4060, 31.8300.



This preview shows how white text looks on a background with the YIQ color 113.4520, 58.4060,

31.8300.

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

113.4520, 58.4060, 31.8300

Protanopia

116.0260, -2.8890, 2.7990

Deuteranopia

116.0960, 17.2850, 0.6210



Tritanopia

112.9760, 62.4420, 24.7620

Trichromacy



Original Color

113.4520, 58.4060, 31.8300

Protanomaly

114.9690, 19.6210, 13.3570

Deuteranomaly

115.2600, 31.8630, 11.7590

Tritanomaly

113.0730, 60.7910, 27.1510

Monochromacy



Original Color

113.4520, 58.4060, 31.8300

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

113.2850, 21.5470, 11.4910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.4520, 58.4060, 31.8300 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(189, 77, 103)` looks like.

```
.text, #text, p{  
    color:rgb(189, 77, 103)  
}
```

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(189, 77, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 77, 103) }
```

Border

The CSS property to change the border of an element to YIQ 113.4520, 58.4060, 31.8300 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(189, 77, 103) }
```


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

```
.border{ border-color:rgb(189, 77, 103) }
```

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

Here you see how a box with a 4 pixel rgb(189, 77, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 77, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 77, 103);  
box-shadow:4px 4px 4px 4px rgb(189, 77,  
103) }
```

Background

The CSS property to change the background color of an element to YIQ 113.4520, 58.4060, 31.8300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 77, 103) }
```

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

```
.background{ background-color: rgb(189, 77,  
103) }
```

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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