

Converting Colors

YIQ(122.5400, 51.8060, 19.2780)

Have a look what the booklet for
YIQ(122.5400, 51.8060, 19.2780)
contains.

YIQ(122.5400, 51.8060, 19.2780)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(122.5400, 51.8060,
19.2780)**

Conversions

Conversions Part 1

Format	Color
Hex	B86062
RGB	184, 96, 98
RGB Percent	72%, 38%, 38%
CMY	0.2782, 0.6237, 0.6155
CMYK	0.00, 0.48, 0.47, 0.28
HSL	359°, 38%, 55%
HSV	359°, 48%, 72%
XYZ	26.1666, 19.4388, 13.9411
YIQ	122.5400, 51.8060, 19.2780

Conversions

Conversions Part 2

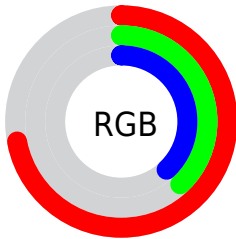
Format	Color
R_{YB}	184, 96, 98
Decimal	12083298
CIE Lab	51.20, 35.63, 15.05
CIE LCh	51, 38.675, 22.905
Yxy	19.4388, 0.4394, 0.3264
Android (android.graphics.Color)	4290273378 (0xFFB86062)
YUV	122.5400, -12.0982, 53.9004
Hunter-Lab	44.0895, 28.7812, 12.1151

Details

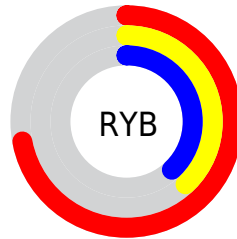
The YIQ color **122.5400, 51.8060, 19.2780** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **157.4600, -51.8060, -19.2780**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.5190, 56.2990, 20.4510**, and **70.9030, 46.3500, 19.0380** is the 20% darker color. If you saturate the color by 10%, you get **109.9220, 62.5340, 23.0940**, and if you desaturate by 10%, it is **135.1580, 41.0780, 15.4620**.

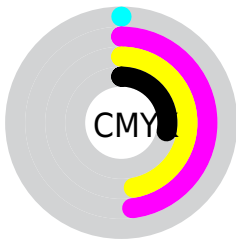
Distribution



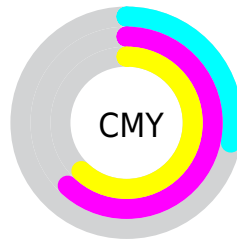
- Red (72%)
- Green (38%)
- Blue (38%)



- Red (72%)
- Yellow (38%)
- Blue (38%)



- Cyan (0%)
- Magenta (48%)
- Yellow (47%)
- Black (28%)



- Cyan (28%)
- Magenta (62%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.5400, 51.8060, 19.2780 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 122.5400, 51.8060, 19.2780 by changing the saturation by 10% instead.

■ 122.5400, 51.8060,
19.2780

■ 122.5400, 51.8060,
19.2780

■ 255.0000, -0.0000,
-0.0000

■ 96.4580, 49.1010,
18.7410

■ 176.5190, 56.2990,
20.4510

■ 70.9030, 46.3500,
19.0380

■ 199.5070, 47.4050,
16.4370

■ 45.1740, 44.1490,
20.3810

■ 218.5480, 30.9920,
11.0240

■ 22.6250, 41.2610,
17.6530

■ 238.7630, 14.0290,
4.5650

■ 14.7650, 28.8830,
10.6990

■ 0.0000, 0.0000,
0.0000

122.5400, 51.8060,
19.2780

122.5400, 51.8060,
19.2780

109.9220, 62.5340,
23.0940

135.1580, 41.0780,
15.4620

96.7170, 73.5370,
27.4330

148.3630, 30.0750,
11.1230

84.0990, 84.2650,
31.2490

160.9810, 19.3470,
7.3070

70.8940, 95.2680,
35.5880

174.1860, 8.3440,
2.9680

58.2760, 105.9960,
39.4040

186.8040, -2.3840,
-0.8480


55.4720, 108.3800,
40.2520

199.4220,
-13.1120, -4.6640

212.6270,
-24.1150, -9.0030

225.2450,

-34.8430, -12.8190

 233.7710,
-42.3160, -15.0520

Harmonies

Analogous

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



124.2200, 38.5080, 29.0040



122.5400, 51.8060, 19.2780



121.0430, 51.1670, 3.3190

Triad

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



122.5400, 51.8060, 19.2780



111.5020, -17.2340, -29.0900



108.7130, -70.7910, -0.0950

Complementary

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



122.5400, 51.8060, 19.2780



157.4600, -51.8060, -19.2780

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.



99.0810, -92.9790, -16.4910



122.5400, 51.8060, 19.2780



93.8880, -74.2230, -37.0310

Square

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



122.5400, 51.8060, 19.2780



116.8450, 15.5930, -23.7910



98.3510, -85.4120, -26.9800



122.4420, -23.8910, 19.9890

Rectangle

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



122.5400, 51.8060, 19.2780



120.1850, 44.4750, -7.5650



98.3510, -85.4120, -26.9800



97.9870, -95.4100, -10.9780

Sweetspot

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



122.5400, 51.8060, 19.2780



216.2800, 19.9430, 7.5190



131.4470, 22.4120, 45.3880



105.3930, 12.1950, 4.7630



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.



122.5400, 51.8060, 19.2780



144.3050, 80.6890, 29.9770



146.3790, 41.1730, -2.7870



85.6910, 5.3640, 1.9080



47.1000, 91.6920, 34.3160



8.4860, 16.3670, 6.2470

Inverse Universe

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



122.5400, 51.8060, 19.2780



144.3050, 80.6890, 29.9770



133.6210, -41.1730, 2.7870



85.6910, 5.3640, 1.9080



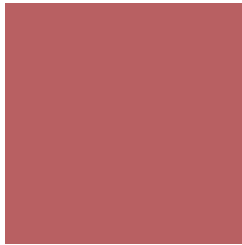
47.1000, 91.6920, 34.3160



8.4860, 16.3670, 6.2470

Previews

White Background



This preview shows how the YIQ color 122.5400, 51.8060, 19.2780 looks on a white background.

Color Contrast Check

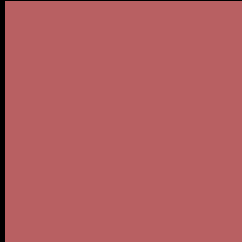
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 122.5400, 51.8060, 19.2780 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 122.5400, 51.8060, 19.2780

Background



This preview shows how black text looks on a background with the YIQ color 122.5400, 51.8060, 19.2780.



This preview shows how white text looks on a background with the YIQ color 122.5400, 51.8060,

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

122.5400, 51.8060, 19.2780

Protanopia

122.2410, 6.5110, -2.3610

Deuteranopia

123.0380, 23.2000, -1.9520



Tritanopia

122.4090, 50.7970, 21.0450

Trichromacy



Original Color

122.5400, 51.8060, 19.2780

Protanomaly

122.6670, 23.1070, 5.2430

Deuteranomaly

122.9410, 34.0190, 5.7230

Tritanomaly

122.2950, 51.1180, 20.7340

Monochromacy



Original Color

122.5400, 51.8060, 19.2780

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

122.6820, 18.7510, 7.0950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.5400, 51.8060, 19.2780 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(184, 96, 98)` looks like.

```
.text, #text, p{  
    color:rgb(184, 96, 98)  
}
```

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(184, 96, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 96, 98) }
```

Border

The CSS property to change the border of an element to YIQ 122.5400, 51.8060, 19.2780 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(184, 96, 98) }
```


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

```
.border{ border-color:rgb(184, 96, 98) }
```

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

Here you see how a box with a 4 pixel rgb(184, 96, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 96, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 96, 98);  
box-shadow:4px 4px 4px 4px rgb(184, 96,  
98) }
```

Background

The CSS property to change the background color of an element to YIQ 122.5400, 51.8060, 19.2780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 96, 98) }
```

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

```
.background{ background-color: rgb(184, 96,  
98) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor