

Converting Colors

YIQ(119.3800, 57.7680, 10.3440)

Have a look what the booklet for
YIQ(119.3800, 57.7680, 10.3440)
contains.

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Color

**YIQ(119.3800, 57.7680,
10.3440)**

Conversions

Conversions Part 1

Format	Color
Hex	B56149
RGB	181, 97, 73
RGB Percent	71%, 38%, 29%
CMY	0.2900, 0.6197, 0.7135
CMYK	0.00, 0.46, 0.60, 0.29
HSL	13°, 42%, 50%
HSV	13°, 60%, 71%
XYZ	24.5432, 18.8542, 8.6600
YIQ	119.3800, 57.7680, 10.3440

Conversions

Conversions Part 2

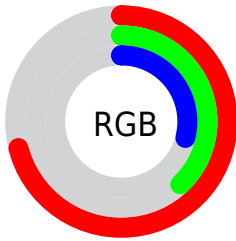
Format	Color
R_{YB}	181, 104, 73
Decimal	11886921
CIE _{Lab}	50.52, 31.69, 28.67
CIE _{LCh}	51, 42.735, 42.140
Yxy	18.8542, 0.4715, 0.3622
Android (android.graphics.Color)	4290077001 (0xFFB56149)
YUV	119.3800, -22.8653, 54.0407
Hunter-Lab	43.4214, 24.9067, 18.5702

Details

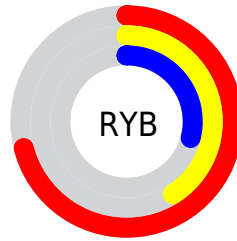
The YIQ color **119.3800, 57.7680, 10.3440** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **134.6200, -57.7680, -10.3440**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **173.1310, 62.9030, 10.8950**, and **68.4440, 51.7160, 9.8920** is the 20% darker color. If you saturate the color by 10%, you get **109.1100, 67.3960, 12.0680**, and if you desaturate by 10%, it is **129.6500, 48.1400, 8.6200**.

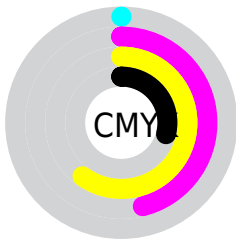
Distribution



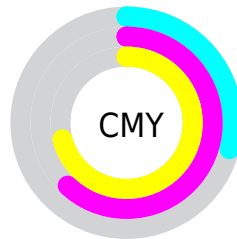
- Red (71%)
- Green (38%)
- Blue (29%)



- Red (71%)
- Yellow (41%)
- Blue (29%)



- Cyan (0%)
- Magenta (46%)
- Yellow (60%)
- Black (29%)




- Cyan (29%)
- Magenta (62%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 119.3800, 57.7680, 10.3440 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 119.3800, 57.7680, 10.3440 by changing the saturation by 10% instead.


 119.3800, 57.7680,
10.3440


 119.3800, 57.7680,
10.3440


255.0000, -0.0000,
-0.0000


 93.4120, 54.7420,
10.1180


 173.4300, 63.4990,
11.1070


 68.4440, 51.7160,
9.8920


 196.4290, 56.0720,
8.0400


 43.3620, 49.0110,
9.3550


 215.9430, 39.7050,
1.7930

 20.3320, 40.5280,
14.4160

 235.4570, 23.3380,
-4.4540

 13.5690, 26.4990,
9.8510

 252.1500, 8.0250,
-7.7750

 0.0000, 0.0000,
0.0000

■ 119.3800, 57.7680,
10.3440

■ 119.3800, 57.7680,
10.3440

■ 109.1100, 67.3960,
12.0680

■ 129.6500, 48.1400,
8.6200

■ 98.8400, 77.0240,
13.7920

■ 139.9200, 38.5120,
6.8960

■ 88.5700, 86.6520,
15.5160

■ 150.1900, 28.8840,
5.1720

■ 78.3000, 96.2800,
17.2400

■ 160.4600, 19.2560,
3.4480

■ 77.5990, 96.8760,
17.4520

■ 170.8440, 9.3070,
2.0350

■ 181.7010, -0.5960,
-0.2120

■ 191.9710,
-10.2240, -1.9360

■ 202.2410,

-19.8520, -3.6600

■ 212.5110,
-29.4800, -5.3840

Harmonies

Analogous

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



120.6530, 53.2260, 26.5860



119.3800, 57.7680, 10.3440



117.6970, 48.7850, -8.5830

Triad

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



119.3800, 57.7680, 10.3440



96.8590, -58.0840, -37.6680



116.4440, -44.5680, 14.7600

Complementary

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



119.3800, 57.7680, 10.3440



134.6200, -57.7680, -10.3440

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.



97.8560, -96.4190, -9.2110



119.3800, 57.7680, 10.3440



96.2820, -80.9640, -30.5000

Square

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



119.3800, 57.7680, 10.3440



110.7930, -4.9920, -30.6880



98.9840, -91.3280, -18.8800



123.9290, -0.0970, 29.3030

Rectangle

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



119.3800, 57.7680, 10.3440



116.1310, 35.3990, -19.2970



98.9840, -91.3280, -18.8800



110.0500, -64.1900, 6.9300

Sweetspot

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



119.3800, 57.7680, 10.3440



210.7270, 22.8780, 3.8860



114.9820, 37.0830, 49.3310



102.2960, 13.8460, 2.3740



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.



119.3800, 57.7680, 10.3440



138.2500, 90.5490, 16.4770



150.4910, 43.1930, -17.3750



83.8650, 4.8140, 0.8620



65.7050, 81.8380, 14.6540



11.2960, 13.8460, 2.3740

Inverse Universe

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



134.6200, -57.7680, -10.3440



162.1630, -90.2740, -15.9540



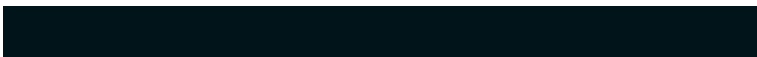
103.5090, -43.1930, 17.3750



85.1350, -4.8140, -0.8620



87.2950, -81.8380, -14.6540



14.7040, -13.8460, -2.3740

Previews

White Background



This preview shows how the YIQ color 119.3800, 57.7680, 10.3440 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 119.3800, 57.7680, 10.3440 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 119.3800, 57.7680, 10.3440

Background



This preview shows how black text looks on a background with the YIQ color 119.3800, 57.7680, 10.3440.



This preview shows how white text looks on a background with the YIQ color 119.3800, 57.7680,

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

119.3800, 57.7680, 10.3440

Protanopia

119.5440, 18.4790, -10.0090

Deuteranopia

119.3240, 33.8380, -7.5220



Tritanopia

120.7080, 51.3930, 21.2570

Trichromacy



Original Color

119.3800, 57.7680, 10.3440

Protanomaly

119.3010, 32.6450, -2.4190

Deuteranomaly

118.9170, 42.5940, -1.0060

Tritanomaly

119.8560, 53.7320, 17.4120

Monochromacy



Original Color

119.3800, 57.7680, 10.3440

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.2430, 21.3650, 3.7730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.3800, 57.7680, 10.3440 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, 97, 73)` looks like.

```
.text, #text, p{  
    color:rgb(181, 97, 73)  
}
```

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, 97, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 97, 73) }
```

Border

The CSS property to change the border of an element to YIQ 119.3800, 57.7680, 10.3440 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, 97, 73) }
```


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

```
.border{ border-color:rgb(181, 97, 73) }
```

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

Here you see how a box with a 4 pixel rgb(181, 97, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 97, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 97, 73);  
box-shadow:4px 4px 4px 4px rgb(181, 97,  
73) }
```

Background

The CSS property to change the background color of an element to YIQ 119.3800, 57.7680, 10.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 97, 73) }
```

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

```
.background{ background-color: rgb(181, 97,  
73) }
```

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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