

Converting Colors

YIQ(118.7870, 58.1800, 13.8920)

Have a look what the booklet for
YIQ(118.7870, 58.1800, 13.8920)
contains.

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Color

**YIQ(118.7870, 58.1800,
13.8920)**

Conversions

Conversions Part 1

Format	Color
Hex	B75E4E
RGB	183, 94, 78
RGB Percent	72%, 37%, 31%
CMY	0.2822, 0.6315, 0.6939
CMYK	0.00, 0.49, 0.57, 0.28
HSL	9°, 42%, 51%
HSV	9°, 57%, 72%
XYZ	24.9174, 18.6233, 9.5008
YIQ	118.7870, 58.1800, 13.8920

Conversions

Conversions Part 2

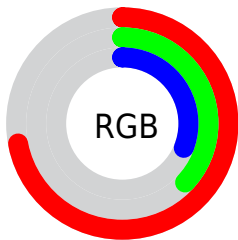
Format	Color
R _Y B	183, 97, 78
Decimal	12017230
CIE Lab	50.24, 34.47, 25.50
CIE LCh	50, 42.883, 36.496
Yxy	18.6233, 0.4698, 0.3511
Android (android.graphics.Color)	4290207310 (0xFFB75E4E)
YUV	118.7870, -20.1080, 56.3148
Hunter-Lab	43.1547, 27.5448, 17.1553

Details

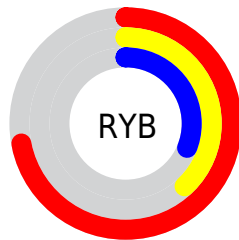
The YIQ color **118.7870, 58.1800, 13.8920** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **142.2130, -58.1800, -13.8920**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **172.8370, 63.9110, 14.6550**, and **66.9650, 51.8070, 13.7510** is the 20% darker color. If you saturate the color by 10%, you get **107.3430, 68.3580, 16.6620**, and if you desaturate by 10%, it is **130.2310, 48.0020, 11.1220**.

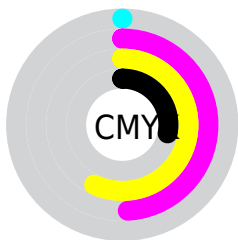
Distribution



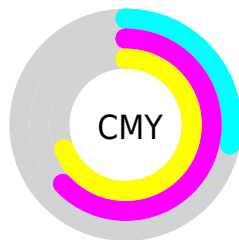
- Red (72%)
- Green (37%)
- Blue (31%)



- Red (72%)
- Yellow (38%)
- Blue (31%)



- Cyan (0%)
- Magenta (49%)
- Yellow (57%)
- Black (28%)





- Cyan (28%)
- Magenta (63%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 118.7870, 58.1800, 13.8920 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 118.7870, 58.1800, 13.8920 by changing the saturation by 10% instead.


 118.7870, 58.1800,
13.8920


 118.7870, 58.1800,
13.8920


255.0000, -0.0000,
-0.0000


 92.8190, 55.1540,
13.6660

 172.8370, 63.9110,
14.6550


 66.9650, 51.8070,
13.7510


 195.2380, 55.2920,
11.1640

 41.5240, 48.7350,
14.3590


 214.7520, 38.9250,
4.9170

 20.9300, 41.7200,
14.8400

 234.3800, 22.2370,
-1.0190

 13.8680, 27.0950,
10.0630

 252.8340, 6.0990,
-5.9090

 0.0000, 0.0000,
0.0000

■ 118.7870, 58.1800,
13.8920

■ 118.7870, 58.1800,
13.8920

■ 107.3430, 68.3580,
16.6620

■ 130.2310, 48.0020,
11.1220

■ 96.3720, 78.5820,
18.5980

■ 141.2020, 37.7780,
9.1860

■ 84.9280, 88.7600,
21.3680

■ 152.6460, 27.6000,
6.4160

■ 74.0710, 98.6630,
23.6150

■ 163.5030, 17.6970,
4.1690

■ 71.1530, 101.3680,
24.1520

■ 175.0610, 7.1980,
1.7100

■ 185.9180, -2.7050,
-0.5370

■ 197.3620,
-12.8830, -3.3070

■ 208.3330,

-23.1070, -5.2430

■ 219.7770,
-33.2850, -8.0130

Harmonies

Analogous

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



119.8640, 51.2540, 29.2860



118.7870, 58.1800, 13.8920



117.4740, 51.0310, -5.2330

Triad

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



118.7870, 58.1800, 13.8920



101.3400, -43.3210, -35.3930



112.9480, -54.9750, 10.6330

Complementary

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



118.7870, 58.1800, 13.8920



142.2130, -58.1800, -13.8920

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.



98.1010, -95.7310, -10.6670



118.7870, 58.1800, 13.8920



95.4840, -78.7170, -32.6770

Square

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



118.7870, 58.1800, 13.8920



111.0280, 1.6560, -30.0240



98.3000, -89.4020, -20.7460



122.5690, -7.8910, 27.3810

Rectangle

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



118.7870, 58.1800, 13.8920



116.0500, 40.1210, -16.7670



98.3000, -89.4020, -20.7460



102.4390, -81.7030, -0.5750

Sweetspot

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



118.7870, 58.1800, 13.8920



212.4820, 22.1900, 5.3420



119.5410, 34.0110, 49.9390



105.5240, 13.2040, 2.9960



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.



118.7870, 58.1800, 13.8920



136.8250, 90.5480, 22.0040



149.3110, 43.8800, -13.3040



86.2780, 5.0890, 1.3850



60.7320, 86.3760, 20.5200



10.7200, 15.5880, 3.8440

Inverse Universe

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



142.2130, -58.1800, -13.8920



173.5880, -90.2730, -21.4810



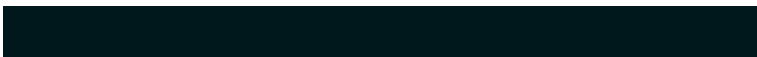
111.6890, -43.8800, 13.3040



88.1350, -4.8140, -0.8620



95.2680, -86.3760, -20.5200



17.2800, -15.5880, -3.8440

Previews

White Background



This preview shows how the YIQ color 118.7870, 58.1800, 13.8920 looks on a white background.

Color Contrast Check

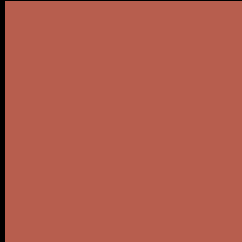
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.7870, 58.1800, 13.8920 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 118.7870, 58.1800, 13.8920

Background



This preview shows how black text looks on a background with the YIQ color 118.7870, 58.1800, 13.8920.



This preview shows how white text looks on a background with the YIQ color 118.7870, 58.1800,

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

118.7870, 58.1800, 13.8920

Protanopia

119.1570, 15.3150, -7.7330

Deuteranopia

119.2960, 31.0410, -6.3910



Tritanopia

119.6050, 53.1810, 21.8930

Trichromacy



Original Color

118.7870, 58.1800, 13.8920

Protanomaly

119.3980, 30.9940, -0.0300

Deuteranomaly

118.9000, 41.2640, 1.0720

Tritanomaly

119.3940, 55.1530, 19.1930

Monochromacy



Original Color

118.7870, 58.1800, 13.8920

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

118.8840, 20.9980, 4.9180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.7870, 58.1800, 13.8920 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(183, 94, 78)` looks like.

```
.text, #text, p{  
    color:rgb(183, 94, 78)  
}
```

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(183, 94, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 94, 78) }
```

Border

The CSS property to change the border of an element to YIQ 118.7870, 58.1800, 13.8920 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(183, 94, 78) }
```


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

```
.border{ border-color:rgb(183, 94, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 94, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 94, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 94, 78);  
box-shadow:4px 4px 4px 4px rgb(183, 94,  
78) }
```

Background

The CSS property to change the background color of an element to YIQ 118.7870, 58.1800, 13.8920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 94, 78) }
```

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

```
.background{ background-color: rgb(183, 94,  
78) }
```

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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