

Converting Colors

YIQ(117.0030, 57.8120, 20.5640)

Have a look what the booklet for
YIQ(117.0030, 57.8120, 20.5640)
contains.

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Color

**YIQ(117.0030, 57.8120,
20.5640)**

Conversions

Conversions Part 1

Format	Color
Hex	B95858
RGB	185, 88, 88
RGB Percent	73%, 35%, 35%
CMY	0.2743, 0.6550, 0.6547
CMYK	0.00, 0.52, 0.52, 0.27
HSL	360°, 41%, 54%
HSV	360°, 52%, 73%
XYZ	25.2720, 17.9999, 11.3876
YIQ	117.0030, 57.8120, 20.5640

Conversions

Conversions Part 2

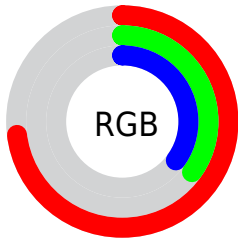
Format	Color
R_{YB}	185, 88, 88
Decimal	12146776
CIE _{Lab}	49.50, 39.21, 18.69
CIE _{LCh}	49, 43.436, 25.493
Yxy	17.9999, 0.4624, 0.3293
Android (android.graphics.Color)	4290336856 (0xFFB95858)
YUV	117.0030, -14.2985, 59.6334
Hunter-Lab	42.4263, 32.0809, 13.7845

Details

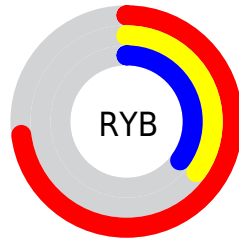
The YIQ color **117.0030, 57.8120, 20.5640** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **155.9970, -57.8120, -20.5640**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **171.1670, 63.2220, 21.6380**, and **64.5940, 51.7140, 20.9460** is the 20% darker color. If you saturate the color by 10%, you get **103.7980, 68.8150, 24.9030**, and if you desaturate by 10%, it is **129.7350, 46.7630, 17.0590**.

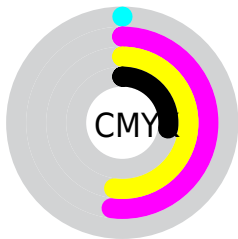
Distribution



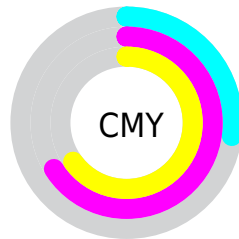
- Red (73%)
- Green (35%)
- Blue (35%)



- Red (73%)
- Yellow (35%)
- Blue (35%)



- Cyan (0%)
- Magenta (52%)
- Yellow (52%)
- Black (27%)





- Cyan (27%)
- Magenta (66%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 117.0030, 57.8120, 20.5640 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 117.0030, 57.8120, 20.5640 by changing the saturation by 10% instead.


 117.0030, 57.8120,
20.5640


 117.0030, 57.8120,
20.5640


255.0000, -0.0000,
-0.0000


 91.0350, 54.7860,
20.3380


 171.1670, 63.2220,
21.6380


 64.5940, 51.7140,
20.9460


 193.5570, 53.1360,
17.2000


 35.6310, 50.2920,
24.6920

 212.4840, 37.0440,
11.4760

 21.5280, 42.9120,
15.2640

 232.6990, 20.0810,
5.0170

 14.5800, 27.9660,
10.7980

 253.0280, 2.7970,
-1.1310

 0.0000, 0.0000,
0.0000

■ 117.0030, 57.8120,
20.5640

■ 117.0030, 57.8120,
20.5640

■ 103.7980, 68.8150,
24.9030

■ 129.7350, 46.7630,
17.0590

■ 91.0660, 79.8640,
28.4080

■ 142.9400, 35.7600,
12.7200

■ 77.8610, 90.8670,
32.7470

■ 155.6720, 24.7110,
9.2150

■ 65.1290, 101.9160,
36.2520

■ 168.8770, 13.7080,
4.8760

■ 55.3150, 110.2600,
39.2200


■ 181.4950, 2.9800,
1.0600

■ 194.8140, -8.3440,
-2.9680

■ 208.0190,
-19.3470, -7.3070

■ 220.7510,

-30.3960, -10.8120

 233.9560,
-41.3990, -15.1510

Harmonies

Analogous

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



119.1500, 44.6970, 32.4810



117.0030, 57.8120, 20.5640



116.0280, 55.5230, 1.4670

Triad

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



117.0030, 57.8120, 20.5640



103.8600, -24.2940, -33.3020



93.9750, -95.1360, -4.9280

Complementary

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



117.0030, 57.8120, 20.5640



155.9970, -57.8120, -20.5640

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.



97.7760, -93.4380, -13.6780



117.0030, 57.8120, 20.5640



92.4860, -73.0310, -36.6070

Square

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



117.0030, 57.8120, 20.5640



110.7260, 14.3100, -28.0740



96.7040, -84.9080, -25.1000



118.4360, -23.7540, 23.0140

Rectangle

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



117.0030, 57.8120, 20.5640



114.7460, 47.0890, -10.8870



96.7040, -84.9080, -25.1000



96.0950, -95.5940, -7.6420

Sweetspot

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



117.0030, 57.8120, 20.5640



212.6610, 23.2440, 8.2680



127.4630, 25.4830, 50.3070



103.8770, 13.7080, 4.8760



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.



117.0030, 57.8120, 20.5640



134.1490, 89.9960, 32.0120



144.5920, 44.8870, -4.0170



85.6910, 5.3640, 1.9080



46.6440, 92.9760, 33.0720



8.3720, 16.6880, 5.9360

Inverse Universe

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



117.0030, 57.8120, 20.5640



134.1490, 89.9960, 32.0120



128.4080, -44.8870, 4.0170



85.6910, 5.3640, 1.9080



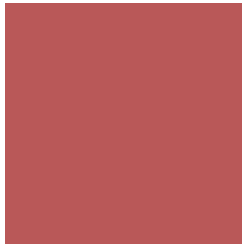
46.6440, 92.9760, 33.0720



8.3720, 16.6880, 5.9360

Previews

White Background



This preview shows how the YIQ color 117.0030, 57.8120, 20.5640 looks on a white background.

Color Contrast Check

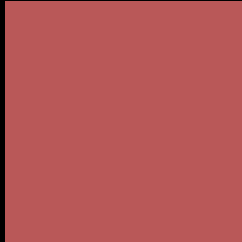
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.0030, 57.8120, 20.5640 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 117.0030, 57.8120, 20.5640

Background



This preview shows how black text looks on a background with the YIQ color 117.0030, 57.8120, 20.5640.

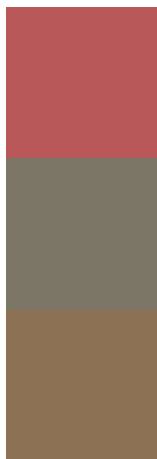


This preview shows how white text looks on a background with the YIQ color 117.0030, 57.8120,

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

117.0030, 57.8120, 20.5640

Protanopia

117.9700, 8.7120, -3.7040

Deuteranopia

118.0660, 25.9970, -3.0830



Tritanopia

116.9860, 56.4820, 22.6420

Trichromacy



Original Color

117.0030, 57.8120, 20.5640

Protanomaly

117.5210, 26.4540, 5.1580

Deuteranomaly

117.6810, 37.6870, 5.3270

Tritanomaly

116.7580, 57.1240, 22.0200

Monochromacy



Original Color

117.0030, 57.8120, 20.5640

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

116.7640, 21.4560, 7.6320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.0030, 57.8120, 20.5640 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(185, 88, 88)` looks like.

```
.text, #text, p{  
    color:rgb(185, 88, 88)  
}
```

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(185, 88, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 88, 88) }
```

Border

The CSS property to change the border of an element to YIQ 117.0030, 57.8120, 20.5640 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(185, 88, 88) }
```


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

```
.border{ border-color:rgb(185, 88, 88) }
```

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

Here you see how a box with a 4 pixel rgb(185, 88, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 88, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 88, 88);  
box-shadow:4px 4px 4px 4px rgb(185, 88,  
88) }
```

Background

The CSS property to change the background color of an element to YIQ 117.0030, 57.8120, 20.5640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 88, 88) }
```

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

```
.background{ background-color: rgb(185, 88,  
88) }
```

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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