

Converting Colors

YIQ(120.7250, 52.7230, 19.1790)

Have a look what the booklet for
YIQ(120.7250, 52.7230, 19.1790)
contains.

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Color

**YIQ(120.7250, 52.7230,
19.1790)**

Conversions

Conversions Part 1

Format	Color
Hex	B75E5F
RGB	183, 94, 95
RGB Percent	72%, 37%, 37%
CMY	0.2821, 0.6315, 0.6272
CMYK	0.00, 0.49, 0.48, 0.28
HSL	359°, 38%, 54%
HSV	359°, 49%, 72%
XYZ	25.6087, 18.8999, 13.1375
YIQ	120.7250, 52.7230, 19.1790

Conversions

Conversions Part 2

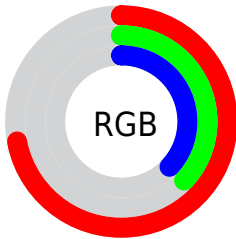
Format	Color
R_{YB}	183, 94, 95
Decimal	12017247
CIE Lab	50.57, 36.00, 15.95
CIE LCh	51, 39.374, 23.893
Yxy	18.8999, 0.4442, 0.3279
Android (android.graphics.Color)	4290207327 (0xFFB75E5F)
YUV	120.7250, -12.6824, 54.6152
Hunter-Lab	43.4740, 29.0673, 12.5149

Details

The YIQ color **120.7250, 52.7230, 19.1790** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **156.2750, -52.7230, -19.1790**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **174.5900, 57.5370, 20.0410**, and **69.0880, 47.2670, 18.9390** is the 20% darker color. If you saturate the color by 10%, you get **108.1070, 63.4510, 22.9950**, and if you desaturate by 10%, it is **133.3430, 41.9950, 15.3630**.

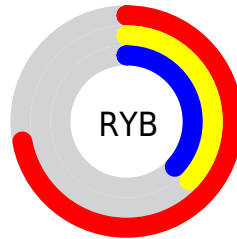
Distribution



Red (72%)

Green (37%)

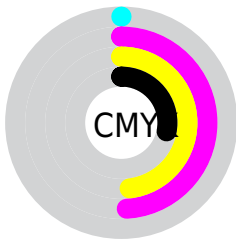
Blue (37%)



Red (72%)

Yellow (37%)

Blue (37%)

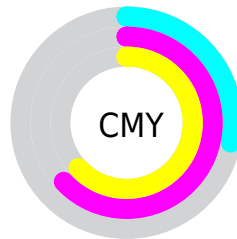


Cyan (0%)

Magenta (49%)

Yellow (48%)

Black (28%)



Cyan (28%)

Magenta (63%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.7250, 52.7230, 19.1790 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 120.7250, 52.7230, 19.1790 by changing the saturation by 10% instead.

■ 120.7250, 52.7230,
19.1790

■ 120.7250, 52.7230,
19.1790

■ 255.0000, -0.0000,
-0.0000

■ 94.6430, 50.0180,
18.6420

■ 174.5900, 57.5370,
20.0410

■ 69.0880, 47.2670,
18.9390

■ 197.4040, 49.1930,
17.0730

■ 43.3590, 45.0660,
20.2820

■ 216.9180, 32.8260,
10.8260

■ 21.7560, 42.2700,
15.8860

■ 237.1330, 15.8630,
4.3670

■ 14.4660, 28.2870,
10.4870

■ 0.0000, 0.0000,
0.0000

120.7250, 52.7230,
19.1790

120.7250, 52.7230,
19.1790

108.1070, 63.4510,
22.9950

133.3430, 41.9950,
15.3630

94.9020, 74.4540,
27.3340

146.5480, 30.9920,
11.0240

82.2840, 85.1820,
31.1500

159.1660, 20.2640,
7.2080

69.6660, 95.9100,
34.9660

171.7840, 9.5360,
3.3920

56.4610, 106.9130,
39.3050

184.4020, -1.1920,
-0.4240


54.9450, 108.4260,
39.4180

197.7210,
-12.5160, -4.4520

210.3390,
-23.2440, -8.2680

222.9570,

-33.9720, -12.0840

 233.4720,
-42.9120, -15.2640

Harmonies

Analogous

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



122.8180, 39.7000, 29.4280



120.7250, 52.7230, 19.1790



119.8150, 51.8090, 2.6970

Triad

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



120.7250, 52.7230, 19.1790



109.4910, -18.7010, -30.0370



106.6420, -72.0290, 0.3150

Complementary

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



120.7250, 52.7230, 19.1790



156.2750, -52.7230, -19.1790

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.



98.4940, -92.7040, -15.9680



120.7250, 52.7230, 19.1790



93.1870, -73.6270, -36.8190

Square

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



120.7250, 52.7230, 19.1790



114.7200, 14.4470, -25.0490



97.0630, -84.5410, -26.2450



121.1540, -23.0200, 20.7240

Rectangle

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



120.7250, 52.7230, 19.1790



118.3590, 43.9250, -8.6110



97.0630, -84.5410, -26.2450



96.6990, -94.5390, -10.2430

Sweetspot

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



120.7250, 52.7230, 19.1790



212.4650, 20.8600, 7.4200



130.4580, 23.8790, 46.3350



104.6920, 12.7910, 4.9750



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.



120.7250, 52.7230, 19.1790



141.0770, 81.3310, 29.3550



145.8520, 41.2190, -3.6210



85.6910, 5.3640, 1.9080



46.8720, 92.3340, 33.6940



8.3720, 16.6880, 5.9360

Inverse Universe

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



120.7250, 52.7230, 19.1790



141.0770, 81.3310, 29.3550



131.1480, -41.2190, 3.6210



85.6910, 5.3640, 1.9080



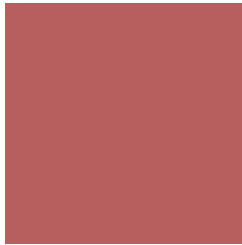
46.8720, 92.3340, 33.6940



8.3720, 16.6880, 5.9360

Previews

White Background



This preview shows how the YIQ color 120.7250, 52.7230, 19.1790 looks on a white background.

Color Contrast Check

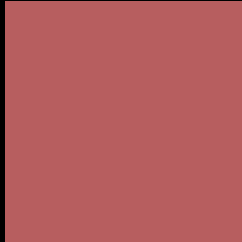
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.7250, 52.7230, 19.1790 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 120.7250, 52.7230, 19.1790

Background



This preview shows how black text looks on a background with the YIQ color 120.7250, 52.7230, 19.1790.

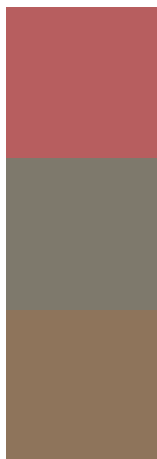


This preview shows how white text looks on a background with the YIQ color 120.7250, 52.7230,

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

120.7250, 52.7230, 19.1790

Protanopia

121.0130, 7.1530, -2.9830

Deuteranopia

120.9240, 23.5210, -2.2630



Tritanopia

120.7080, 51.3930, 21.2570

Trichromacy



Original Color

120.7250, 52.7230, 19.1790

Protanomaly

120.8520, 24.0240, 5.1440

Deuteranomaly

120.8270, 34.3400, 5.4120

Tritanomaly

120.4800, 52.0350, 20.6350

Monochromacy



Original Color

120.7250, 52.7230, 19.1790

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

120.9810, 19.3470, 7.3070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.7250, 52.7230, 19.1790 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, 95)` looks like.

```
.text, #text, p{  
  color:rgb(183, 94, 95)  
}
```

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, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 94, 95) }
```

Border

The CSS property to change the border of an element to YIQ 120.7250, 52.7230, 19.1790 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, 95) }
```


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

```
.border{ border-color:rgb(183, 94, 95) }
```

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, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 94, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 94, 95);  
box-shadow:4px 4px 4px 4px rgb(183, 94,  
95) }
```

Background

The CSS property to change the background color of an element to YIQ 120.7250, 52.7230, 19.1790 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, 95) }
```

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

```
.background{ background-color: rgb(183, 94,  
95) }
```

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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