

Converting Colors

YIQ(120.9480, 50.4770, 15.8290)

Have a look what the booklet for
YIQ(120.9480, 50.4770, 15.8290)
contains.

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Color

**YIQ(120.9480, 50.4770,
15.8290)**

Conversions

Conversions Part 1

Format	Color
Hex	B3615C
RGB	179, 97, 92
RGB Percent	70%, 38%, 36%
CMY	0.2978, 0.6197, 0.6390
CMYK	0.00, 0.46, 0.49, 0.30
HSL	3°, 36%, 53%
HSV	3°, 49%, 70%
XYZ	24.8073, 18.9062, 12.4789
YIQ	120.9480, 50.4770, 15.8290

Conversions

Conversions Part 2

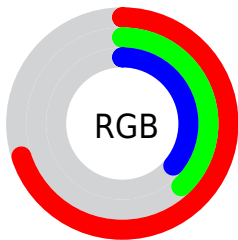
Format	Color
R_{YB}	179, 97, 92
Decimal	11755868
CIE Lab	50.58, 32.56, 17.64
CIE LCh	51, 37.034, 28.445
Yxy	18.9062, 0.4415, 0.3365
Android (android.graphics.Color)	4289945948 (0xFFB3615C)
YUV	120.9480, -14.2714, 50.9116
Hunter-Lab	43.4812, 25.7472, 13.4209

Details

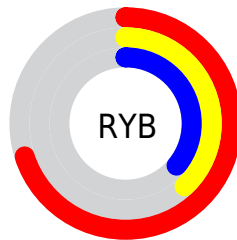
The YIQ color **120.9480, 50.4770, 15.8290** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **150.0520, -50.4770, -15.8290**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **174.8130, 55.2910, 16.6910**, and **70.1970, 45.3420, 15.2780** is the 20% darker color. If you saturate the color by 10%, you get **108.9170, 60.9300, 19.1220**, and if you desaturate by 10%, it is **132.9790, 40.0240, 12.5360**.

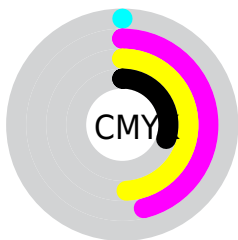
Distribution



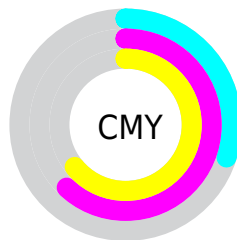
- Red (70%)
- Green (38%)
- Blue (36%)



- Red (70%)
- Yellow (38%)
- Blue (36%)



- Cyan (0%)
- Magenta (46%)
- Yellow (49%)
- Black (30%)



- Cyan (30%)
- Magenta (62%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.9480, 50.4770, 15.8290 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 120.9480, 50.4770, 15.8290 by changing the saturation by 10% instead.

120.9480, 50.4770,
15.8290

120.9480, 50.4770,
15.8290

255.0000, -0.0000,
-0.0000

95.2790, 48.0470,
15.8150

174.8130, 55.2910,
16.6910

70.1970, 45.3420,
15.2780

198.8230, 49.3310,
14.5710

44.7560, 42.2700,
15.8860

218.3370, 32.9640,
8.3240

20.6310, 41.1240,
14.6280

237.9650, 16.2760,
2.3880

13.5690, 26.4990,
9.8510

254.7720, 0.6420,
-0.6220

0.0000, 0.0000,
0.0000

■ 120.9480, 50.4770,
15.8290

■ 120.9480, 50.4770,
15.8290

■ 108.9170, 60.9300,
19.1220

■ 132.9790, 40.0240,
12.5360

■ 96.8860, 71.3830,
22.4150

■ 145.0100, 29.5710,
9.2430

■ 84.8550, 81.8360,
25.7080

■ 157.0410, 19.1180,
5.9500

■ 72.8240, 92.2890,
29.0010

■ 169.0720, 8.6650,
2.6570

■ 61.4940, 102.1460,
32.0820

■ 180.5160, -1.5130,
-0.1130


■ 59.3910, 103.9340,
32.7180

■ 192.4330,
-11.6450, -3.7170

■ 204.4640,
-22.0980, -7.0100

■ 216.4950,

-32.5510, -10.3030

 228.5260,
-43.0040, -13.5960

Harmonies

Analogous

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



122.1230, 40.1590, 26.6150



120.9480, 50.4770, 15.8290



119.7820, 47.4080, -0.1440

Triad

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



120.9480, 50.4770, 15.8290



109.3920, -22.7360, -28.4960



112.1880, -55.8910, 5.2050

Complementary

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



120.9480, 50.4770, 15.8290



150.0520, -50.4770, -15.8290

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.



97.2060, -91.8330, -15.2330



120.9480, 50.4770, 15.8290



93.2840, -75.2780, -34.4300

Square

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



120.9480, 50.4770, 15.8290



114.3220, 9.8160, -23.7200



96.8180, -85.2290, -24.7890



122.2750, -16.0510, 21.0770

Rectangle

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



120.9480, 50.4770, 15.8290



118.3800, 39.4320, -9.7840



96.8180, -85.2290, -24.7890



104.5660, -74.8710, -3.2470

Sweetspot

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



120.9480, 50.4770, 15.8290



208.6390, 20.3100, 6.3740



127.4750, 25.2090, 44.2570



102.8660, 12.2410, 3.9290



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.



120.9480, 50.4770, 15.8290



142.0610, 78.2600, 24.4360



146.1890, 38.6520, -6.6600



83.2780, 5.0890, 1.3850



51.0300, 88.7130, 27.7290



8.3610, 15.2210, 4.9890

Inverse Universe

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



150.0520, -50.4770, -15.8290



186.9390, -78.2600, -24.4360



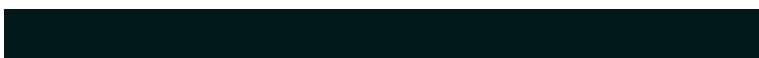
124.8110, -38.6520, 6.6600



86.3090, -5.3640, -1.9080



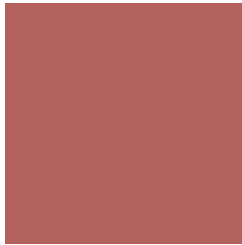
101.9700, -88.7130, -27.7290



17.0520, -14.9460, -4.4660

Previews

White Background



This preview shows how the YIQ color 120.9480, 50.4770, 15.8290 looks on a white background.

Color Contrast Check

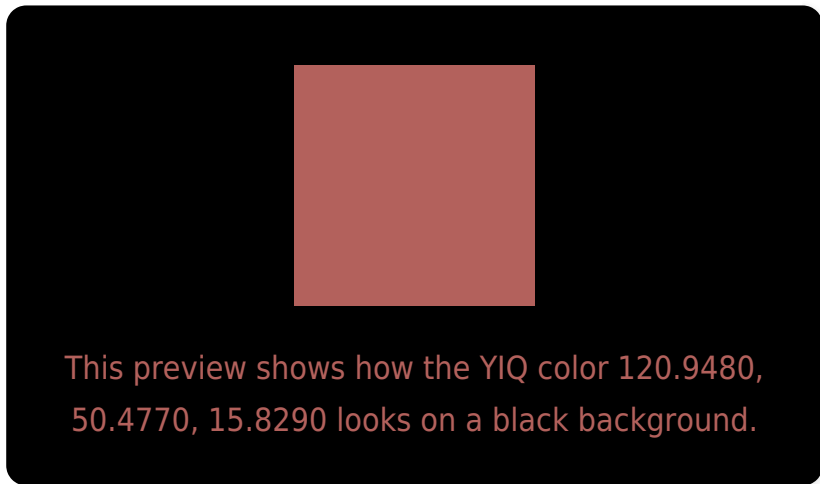
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

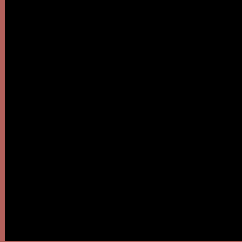
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 120.9480, 50.4770, 15.8290

Background



This preview shows how black text looks on a background with the YIQ color 120.9480, 50.4770, 15.8290.



This preview shows how white text looks on a background with the YIQ color 120.9480, 50.4770,

15.8290.

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

120.9480, 50.4770, 15.8290

Protanopia

120.7420, 9.3540, -4.3260

Deuteranopia

120.9950, 24.7590, -2.6730



Tritanopia

121.2130, 48.4130, 20.1970

Trichromacy



Original Color

120.9480, 50.4770, 15.8290

Protanomaly

120.6840, 24.4370, 3.1650

Deuteranomaly

120.8870, 34.1110, 4.0550

Tritanomaly

121.3440, 49.4220, 18.4300

Monochromacy



Original Color

120.9480, 50.4770, 15.8290

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

120.7420, 18.5220, 5.7380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.9480, 50.4770, 15.8290 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(179, 97, 92)` looks like.

```
.text, #text, p{  
    color:rgb(179, 97, 92)  
}
```

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(179, 97, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 97, 92) }
```

Border

The CSS property to change the border of an element to YIQ 120.9480, 50.4770, 15.8290 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(179, 97, 92) }
```


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

```
.border{ border-color:rgb(179, 97, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 97, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 97, 92); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 97, 92); box-shadow:4px 4px 4px 4px rgb(179, 97, 92) }
```

Background

The CSS property to change the background color of an element to YIQ 120.9480, 50.4770, 15.8290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 97, 92) }
```

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

```
.background{ background-color: rgb(179, 97,  
92) }
```

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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