

Converting Colors

YIQ(111.7410, 72.9890, 15.3330)

Have a look what the booklet for
YIQ(111.7410, 72.9890, 15.3330)
contains.

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Color

**YIQ(111.7410, 72.9890,
15.3330)**

Conversions

Conversions Part 1

Format	Color
Hex	BF5239
RGB	191, 82, 57
RGB Percent	75%, 32%, 22%
CMY	0.2507, 0.6786, 0.7762
CMYK	0.00, 0.57, 0.70, 0.25
HSL	11°, 54%, 49%
HSV	11°, 70%, 75%
XYZ	25.2558, 17.4083, 5.9102
YIQ	111.7410, 72.9890, 15.3330

Conversions

Conversions Part 2

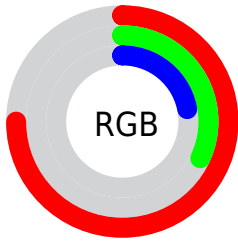
Format	Color
R_{YB}	191, 88, 57
Decimal	12538425
CIE _{Lab}	48.77, 42.27, 35.95
CIE _{LCh}	49, 55.485, 40.382
Yxy	17.4083, 0.5199, 0.3584
Android (android.graphics.Color)	4290728505 (0xFFBF5239)
YUV	111.7410, -26.9873, 69.5101
Hunter-Lab	41.7232, 35.0335, 20.8077

Details

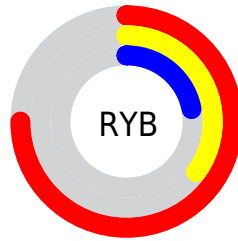
The YIQ color **111.7410, 72.9890, 15.3330** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **136.2590, -72.9890, -15.3330**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **166.8620, 79.9580, 15.6860**, and **57.5600, 66.2490, 16.3370** is the 20% darker color. If you saturate the color by 10%, you get **100.1830, 83.4880, 17.7920**, and if you desaturate by 10%, it is **123.2990, 62.4900, 12.8740**.

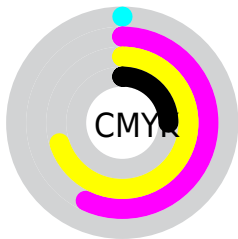
Distribution



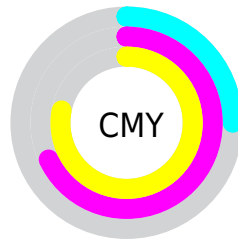
- Red (75%)
- Green (32%)
- Blue (22%)



- Red (75%)
- Yellow (35%)
- Blue (22%)



- Cyan (0%)
- Magenta (57%)
- Yellow (70%)
- Black (25%)





- Cyan (25%)
- Magenta (68%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 111.7410, 72.9890, 15.3330 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 111.7410, 72.9890, 15.3330 by changing the saturation by 10% instead.


 111.7410, 72.9890,
15.3330


 111.7410, 72.9890,
15.3330


255.0000, -0.0000,
-0.0000


 85.0010, 69.3210,
15.7290


 166.8620, 79.9580,
15.6860


 57.6740, 65.9280,
16.6480


 186.2730, 65.3790,
10.0750


 30.4980, 60.7920,
21.6240

 205.0860, 49.6080,
4.0400

 21.8270, 43.5080,
15.4760

 225.1870, 32.9660,
-2.7300

 14.5800, 27.9660,
10.7980

 245.4020, 16.0030,
-9.1890

 0.0000, 0.0000,
0.0000

 253.2900, 4.8150,

-4.6650

■ 111.7410, 72.9890,
15.3330

■ 111.7410, 72.9890,
15.3330

■ 100.1830, 83.4880,
17.7920

■ 123.2990, 62.4900,
12.8740

■ 89.2120, 93.7120,
19.7280

■ 134.2700, 52.2660,
10.9380

■ 77.6540, 104.2110,
22.1870

■ 145.8280, 41.7670,
8.4790

■ 156.9130, 31.2220,
6.8540

■ 168.4710, 20.7230,
4.3950

■ 179.4420, 10.4990,
2.4590

■ 191.0000, -0.0000,
-0.0000

■ 201.9710,
-10.2240, -1.9360

■ 213.5290,
-20.7230, -4.3950

Harmonies

Analogous

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



111.2300, 68.0790, 38.2470



111.7410, 72.9890, 15.3330



110.9620, 63.9160, -12.9800

Triad

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



111.7410, 72.9890, 15.3330



89.1800, -63.7220, -45.6260



102.3830, -78.1290, 11.7510

Complementary

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



111.7410, 72.9890, 15.3330



136.2590, -72.9890, -15.3330

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.



98.9790, -100.9590, -4.0230



111.7410, 72.9890, 15.3330



95.9400, -80.0010, -31.4330

Square

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



111.7410, 72.9890, 15.3330



102.0560, -4.7150, -41.2190



99.8960, -93.8960, -16.3920



119.0460, -4.5000, 37.5160

Rectangle

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



111.7410, 72.9890, 15.3330



108.1800, 50.8980, -30.3660



99.8960, -93.8960, -16.3920



94.9670, -100.6850, 2.0270

Sweetspot

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



111.7410, 72.9890, 15.3330



216.4180, 28.2420, 5.7940



109.4920, 44.8750, 62.3070



106.7910, 16.8260, 3.4340



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



111.7410, 72.9890, 15.3330



124.1990, 112.9220, 24.0100



151.0700, 54.5640, -19.7080



88.8650, 4.8140, 0.8620



64.2650, 86.1930, 18.3290



12.7910, 16.8260, 3.4340

Inverse Universe

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



136.2590, -72.9890, -15.3330



162.8010, -112.9220, -24.0100



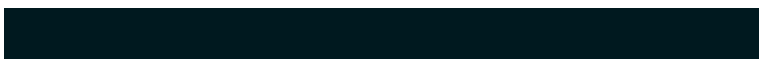
97.5170, -54.8390, 19.1850



90.7220, -5.0890, -1.3850



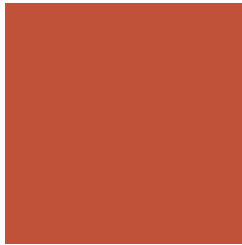
93.7350, -86.1930, -18.3290



18.2090, -16.8260, -3.4340

Previews

White Background



This preview shows how the YIQ color 111.7410, 72.9890, 15.3330 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 111.7410, 72.9890, 15.3330 looks on a black 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

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

YIQ 111.7410, 72.9890, 15.3330

Background



This preview shows how black text looks on a background with the YIQ color 111.7410, 72.9890, 15.3330.



This preview shows how white text looks on a background with the YIQ color 111.7410, 72.9890,

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

111.7410, 72.9890, 15.3330

Protanopia

114.8170, 21.9640, -12.5960

Deuteranopia

114.0270, 38.9280, -11.6640



Tritanopia

113.3570, 65.7430, 25.5110

Trichromacy



Original Color

111.7410, 72.9890, 15.3330

Protanomaly

113.6070, 40.5310, -2.1650

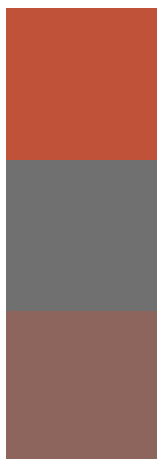
Deuteranomaly

112.8810, 51.4430, -1.6850

Tritanomaly

112.8040, 68.6780, 21.8780

Monochromacy



Original Color

111.7410, 72.9890, 15.3330

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

111.9340, 26.7290, 5.6810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.7410, 72.9890, 15.3330 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(191, 82, 57)` looks like.

```
.text, #text, p{  
    color:rgb(191, 82, 57)  
}
```

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(191, 82, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 82, 57) }
```

Border

The CSS property to change the border of an element to YIQ 111.7410, 72.9890, 15.3330 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(191, 82, 57) }
```


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

```
.border{ border-color:rgb(191, 82, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 82, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 82, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 82, 57);  
box-shadow:4px 4px 4px 4px rgb(191, 82,  
57) }
```

Background

The CSS property to change the background color of an element to YIQ 111.7410, 72.9890, 15.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 82, 57) }
```

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

```
.background{ background-color: rgb(191, 82,  
57) }
```

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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