

Converting Colors

YIQ(111.6970, 67.1210, 11.5450)

Have a look what the booklet for
YIQ(111.6970, 67.1210, 11.5450)
contains.

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Color

**YIQ(111.6970, 67.1210,
11.5450)**

Conversions

Conversions Part 1

Format	Color
Hex	B75639
RGB	183, 86, 57
RGB Percent	72%, 34%, 22%
CMY	0.2821, 0.6629, 0.7762
CMYK	0.00, 0.53, 0.69, 0.28
HSL	14°, 52%, 47%
HSV	14°, 69%, 72%
XYZ	23.6062, 17.0191, 5.9214
YIQ	111.6970, 67.1210, 11.5450

Conversions

Conversions Part 2

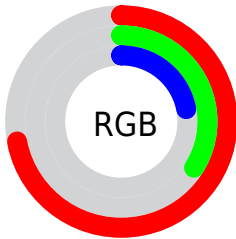
Format	Color
R_{YB}	183, 95, 57
Decimal	12015161
CIE Lab	48.28, 37.20, 35.06
CIE LCh	48, 51.122, 43.301
Yxy	17.0191, 0.5072, 0.3656
Android (android.graphics.Color)	4290205241 (0xFFB75639)
YUV	111.6970, -26.9656, 62.5327
Hunter-Lab	41.2543, 29.9451, 20.3679

Details

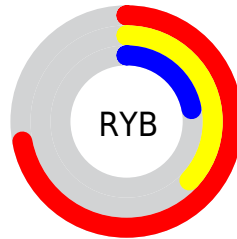
The YIQ color **111.6970, 67.1210, 11.5450** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **128.3030, -67.1210, -11.5450**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **165.9320, 73.7690, 12.2090**, and **59.5760, 60.1520, 11.1920** is the 20% darker color. If you saturate the color by 10%, you get **101.4270, 76.7490, 13.2690**, and if you desaturate by 10%, it is **121.9670, 57.4930, 9.8210**.

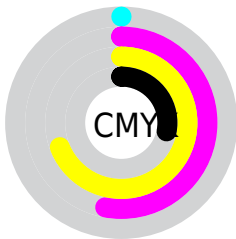
Distribution



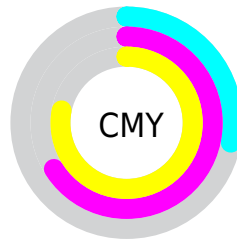
- Red (72%)
- Green (34%)
- Blue (22%)



- Red (72%)
- Yellow (37%)
- Blue (22%)



- Cyan (0%)
- Magenta (53%)
- Yellow (69%)
- Black (28%)



- Cyan (28%)
- Magenta (66%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.6970, 67.1210, 11.5450 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 111.6970, 67.1210, 11.5450 by changing the saturation by 10% instead.

■ 111.6970, 67.1210,
11.5450

■ 111.6970, 67.1210,
11.5450

■ 255.0000, -0.0000,
-0.0000

■ 85.4300, 63.4990,
11.1070

■ 165.9320, 73.7690,
12.2090

■ 59.5760, 60.1520,
11.1920

■ 188.0340, 64.5540,
8.5060

■ 32.2260, 55.5660,
17.2140

■ 207.4340, 48.5080,
1.9480

■ 20.0330, 39.9320,
14.2040

■ 226.9480, 32.1410,
-4.2990

■ 12.6720, 24.7110,
9.2150

■ 247.1630, 15.1780,
-10.7580

■ 0.0000, 0.0000,
0.0000

■ 253.2900, 4.8150,

-4.6650

■ 111.6970, 67.1210,
11.5450

■ 111.6970, 67.1210,
11.5450

■ 101.4270, 76.7490,
13.2690

■ 121.9670, 57.4930,
9.8210

■ 91.0430, 86.6980,
14.6820

■ 132.3510, 47.5440,
8.4080

■ 80.7730, 96.3260,
16.4060

■ 142.6210, 37.9160,
6.6840

■ 79.3710, 97.5180,
16.8300

■ 152.8910, 28.2880,
4.9600

■ 163.8620, 18.0640,
3.0240

■ 174.1320, 8.4360,
1.3000

■ 184.4020, -1.1920,
-0.4240

■ 194.7860,
-11.1410, -1.8370

■ 205.0560,
-20.7690, -3.5610

Harmonies

Analogous

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



111.6160, 63.8160, 32.9040



111.6970, 67.1210, 11.5450



110.5420, 56.3510, -13.5450

Triad

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



111.6970, 67.1210, 11.5450



88.6900, -65.0980, -42.7140



108.1530, -56.8100, 16.3580

Complementary

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



111.6970, 67.1210, 11.5450



128.3030, -67.1210, -11.5450

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.



96.4200, -97.8870, -4.6310



111.6970, 67.1210, 11.5450



94.4070, -79.8180, -29.2420

Square

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



111.6970, 67.1210, 11.5450



101.4240, -8.5670, -37.4870



97.7930, -92.1080, -15.7560



118.2160, 0.7730, 35.5650

Rectangle

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



111.6970, 67.1210, 11.5450



108.0960, 42.5070, -26.9730



97.7930, -92.1080, -15.7560



92.1800, -96.9710, 0.7970

Sweetspot

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



111.6970, 67.1210, 11.5450



208.9940, 26.5000, 4.3240



105.9600, 43.3170, 57.5010



103.0790, 15.9550, 2.6990



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.



111.6970, 67.1210, 11.5450



125.3180, 105.0370, 18.2290



147.5040, 50.3460, -20.3580



86.8650, 4.8140, 0.8620



67.7760, 83.0760, 14.2440



11.8940, 15.0380, 2.7980

Inverse Universe

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



128.3030, -67.1210, -11.5450



151.6820, -105.0370, -18.2290



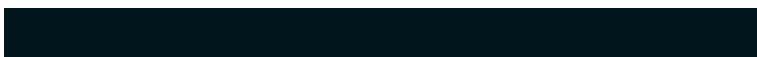
92.4960, -50.3460, 20.3580



88.1350, -4.8140, -0.8620



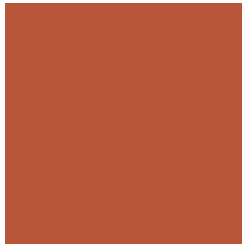
88.2240, -83.0760, -14.2440



16.1060, -15.0380, -2.7980

Previews

White Background



This preview shows how the YIQ color 111.6970, 67.1210, 11.5450 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 111.6970, 67.1210, 11.5450 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 111.6970, 67.1210, 11.5450

Background



This preview shows how black text looks on a background with the YIQ color 111.6970, 67.1210, 11.5450.



This preview shows how white text looks on a background with the YIQ color 111.6970, 67.1210,

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

111.6970, 67.1210, 11.5450

Protanopia

112.8170, 21.9640, -12.5960

Deuteranopia

113.2550, 38.2860, -11.0420



Tritanopia

113.4810, 59.4620, 23.7020

Trichromacy



Original Color

111.6970, 67.1210, 11.5450

Protanomaly

112.1830, 38.7890, -3.6350

Deuteranomaly

112.6850, 49.0590, -2.5330

Tritanomaly

112.5150, 62.1220, 19.5460

Monochromacy



Original Color

111.6970, 67.1210, 11.5450

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

112.2110, 24.3910, 3.9990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.6970, 67.1210, 11.5450 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, 86, 57)` looks like.

```
.text, #text, p{  
    color:rgb(183, 86, 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(183, 86, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 86, 57) }
```

Border

The CSS property to change the border of an element to YIQ 111.6970, 67.1210, 11.5450 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, 86, 57) }
```


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

```
.border{ border-color:rgb(183, 86, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 86, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 86, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 86, 57);  
box-shadow:4px 4px 4px 4px rgb(183, 86,  
57) }
```

Background

The CSS property to change the background color of an element to YIQ 111.6970, 67.1210, 11.5450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 86, 57) }
```

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

```
.background{ background-color: rgb(183, 86,  
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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