

Converting Colors

YIQ(109.8430, 63.7740, 11.6300)

Have a look what the booklet for
YIQ(109.8430, 63.7740, 11.6300)
contains.

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Color

**YIQ(109.8430, 63.7740,
11.6300)**

Conversions

Conversions Part 1

Format	Color
Hex	B2553B
RGB	178, 85, 59
RGB Percent	70%, 33%, 23%
CMY	0.3018, 0.6668, 0.7684
CMYK	0.00, 0.52, 0.67, 0.30
HSL	13°, 50%, 46%
HSV	13°, 67%, 70%
XYZ	22.4087, 16.2785, 6.1081
YIQ	109.8430, 63.7740, 11.6300

Conversions

Conversions Part 2

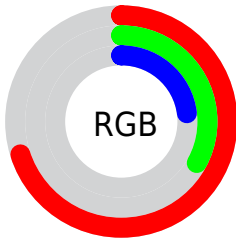
Format	Color
R _Y B	178, 92, 59
Decimal	11687227
CIE Lab	47.34, 35.88, 32.64
CIE LCh	47, 48.504, 42.296
Yxy	16.2785, 0.5002, 0.3634
Android (android.graphics.Color)	4289877307 (0xFFB2553B)
YUV	109.8430, -25.0656, 59.7737
Hunter-Lab	40.3466, 28.5334, 19.2666

Details

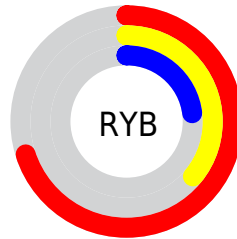
The YIQ color **109.8430, 63.7740, 11.6300** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **127.1570, -63.7740, -11.6300**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.7790, 69.8260, 12.0820**, and **58.1350, 57.0800, 11.8000** is the 20% darker color. If you saturate the color by 10%, you get **99.5730, 73.4020, 13.3540**, and if you desaturate by 10%, it is **120.1130, 54.1460, 9.9060**.

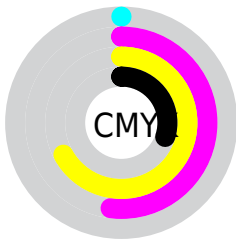
Distribution



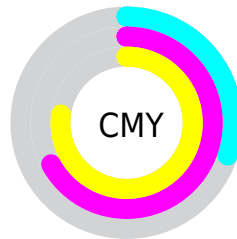
- Red (70%)
- Green (33%)
- Blue (23%)



- Red (70%)
- Yellow (36%)
- Blue (23%)



- Cyan (0%)
- Magenta (52%)
- Yellow (67%)
- Black (30%)



- Cyan (30%)
- Magenta (67%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 109.8430, 63.7740, 11.6300 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 109.8430, 63.7740, 11.6300 by changing the saturation by 10% instead.

■ 109.8430, 63.7740,
11.6300

■ 109.8430, 63.7740,
11.6300

■ 255.0000, -0.0000,
-0.0000

■ 83.9890, 60.4270,
11.7150

■ 163.7790, 69.8260,
12.0820

■ 58.1350, 57.0800,
11.8000

■ 187.6750, 64.1870,
9.6510

■ 31.0300, 53.1820,
16.3660

■ 206.4880, 48.4160,
3.6160

■ 18.8370, 37.5480,
13.3560

■ 226.0020, 32.0490,
-2.6310

■ 11.4760, 22.3270,
8.3670

■ 246.2170, 15.0860,
-9.0900

■ 0.0000, 0.0000,
0.0000

■ 253.5180, 4.1730,

-4.0430

■ 109.8430, 63.7740,
11.6300

■ 109.8430, 63.7740,
11.6300

■ 99.5730, 73.4020,
13.3540

■ 120.1130, 54.1460,
9.9060

■ 89.3030, 83.0300,
15.0780

■ 130.3830, 44.5180,
8.1820

■ 79.1470, 92.3370,
17.1130

■ 140.5390, 35.2110,
6.1470

■ 76.1150, 95.3630,
17.3390

■ 150.8090, 25.5830,
4.4230

■ 161.0790, 15.9550,
2.6990

■ 171.3490, 6.3270,
0.9750

■ 181.0320, -3.0260,
-0.2260

■ 191.3020,
-12.6540, -1.9500

■ 201.4580,
-21.9610, -3.9850

Harmonies

Analogous

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



110.4090, 59.9650, 31.1090



109.8430, 63.7740, 11.6300



108.4540, 53.7830, -11.0570

Triad

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



109.8430, 63.7740, 11.6300



86.1140, -63.3560, -41.2440



105.8820, -54.6090, 15.0150

Complementary

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



109.8430, 63.7740, 11.6300



127.1570, -63.7740, -11.6300

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.



93.8610, -94.8150, -5.2390



109.8430, 63.7740, 11.6300



92.0760, -77.3880, -29.2280

Square

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



109.8430, 63.7740, 11.6300



100.3750, -6.8710, -35.1830



95.2340, -89.0360, -16.3640



115.5640, -0.3270, 33.4730

Rectangle

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



109.8430, 63.7740, 11.6300



106.7200, 40.8100, -23.7500



95.2340, -89.0360, -16.3640



90.2080, -94.1740, -0.3340

Sweetspot

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



109.8430, 63.7740, 11.6300



205.6240, 24.6660, 4.5220



105.1830, 41.0710, 54.1510



100.8940, 15.0380, 2.7980



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.



109.8430, 63.7740, 11.6300



125.6810, 99.5810, 17.9890



144.4760, 47.5490, -19.2270



83.8650, 4.8140, 0.8620



65.1180, 82.1130, 15.1770



11.2960, 13.8460, 2.3740

Inverse Universe

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



127.1570, -63.7740, -11.6300



152.9060, -99.8560, -18.5120



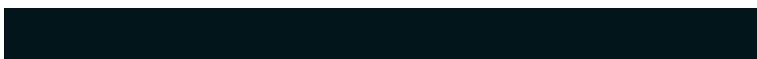
92.5240, -47.5490, 19.2270



85.1350, -4.8140, -0.8620



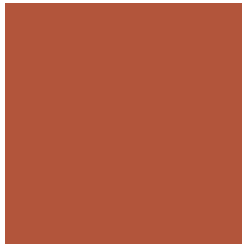
87.8820, -82.1130, -15.1770



14.7040, -13.8460, -2.3740

Previews

White Background



This preview shows how the YIQ color 109.8430, 63.7740, 11.6300 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 109.8430, 63.7740, 11.6300 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 109.8430, 63.7740, 11.6300

Background



This preview shows how black text looks on a background with the YIQ color 109.8430, 63.7740, 11.6300.



This preview shows how white text looks on a background with the YIQ color 109.8430, 63.7740,

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

109.8430, 63.7740, 11.6300

Protanopia

110.9740, 20.0840, -11.5640

Deuteranopia

110.5260, 36.0850, -9.6990



Tritanopia

111.2850, 57.0780, 22.8540

Trichromacy



Original Color

109.8430, 63.7740, 11.6300

Protanomaly

110.6280, 36.0380, -3.3380

Deuteranomaly

110.2440, 45.9870, -1.9250

Tritanomaly

110.4330, 59.4170, 19.0090

Monochromacy



Original Color

109.8430, 63.7740, 11.6300

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.0260, 23.4740, 4.0980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.8430, 63.7740, 11.6300 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(178, 85, 59)` looks like.

```
.text, #text, p{  
    color:rgb(178, 85, 59)  
}
```

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(178, 85, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 85, 59) }
```

Border

The CSS property to change the border of an element to YIQ 109.8430, 63.7740, 11.6300 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(178, 85, 59) }
```


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

```
.border{ border-color:rgb(178, 85, 59) }
```

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

Here you see how a box with a 4 pixel rgb(178, 85, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 85, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 85, 59);  
box-shadow:4px 4px 4px 4px rgb(178, 85,  
59) }
```

Background

The CSS property to change the background color of an element to YIQ 109.8430, 63.7740, 11.6300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 85, 59) }
```

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

```
.background{ background-color: rgb(178, 85,  
59) }
```

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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