

Converting Colors

YIQ(61.3700, 37.3650, 11.1650)

Have a look what the booklet for
YIQ(61.3700, 37.3650, 11.1650)
contains.

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Color

**YIQ(61.3700, 37.3650,
11.1650)**

Conversions

Conversions Part 1

Format	Color
Hex	682C27
RGB	104, 44, 39
RGB Percent	41%, 17%, 15%
CMY	0.5920, 0.8275, 0.8469
CMYK	0.00, 0.58, 0.62, 0.59
HSL	5°, 45%, 28%
HSV	5°, 62%, 41%
XYZ	6.9796, 4.8914, 2.4991
YIQ	61.3700, 37.3650, 11.1650

Conversions

Conversions Part 2

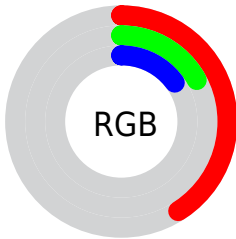
Format	Color
RYB	104, 44, 39
Decimal	6827047
CIELab	26.42, 26.52, 16.31
CIElCh	26, 31.133, 31.583
Yxy	4.8914, 0.4857, 0.3404
Android (android.graphics.Color)	4285017127 (0xFF682C27)
YUV	61.3700, -11.0284, 37.3865
Hunter-Lab	22.1165, 17.6280, 8.7820

Details

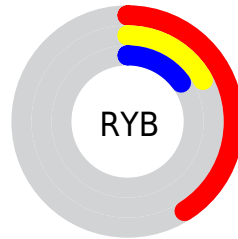
The YIQ color **61.3700, 37.3650, 11.1650** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **81.6300, -37.3650, -11.1650**, and the grayscale version is **61.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **111.1210, 42.5000, 11.7160**, and **15.8470, 31.5880, 11.2360** is the 20% darker color. If you saturate the color by 10%, you get **54.3600, 43.3250, 13.2850**, and if you desaturate by 10%, it is **68.3800, 31.4050, 9.0450**.

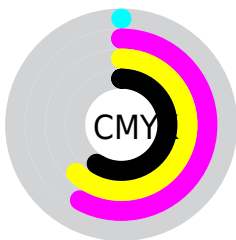
Distribution



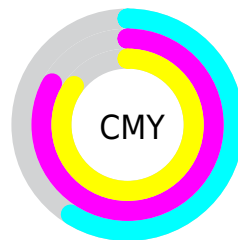
- Red (41%)
- Green (17%)
- Blue (15%)



- Red (41%)
- Yellow (17%)
- Blue (15%)



- Cyan (0%)
- Magenta (58%)
- Yellow (62%)
- Black (59%)



- Cyan (59%)
- Magenta (83%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 61.3700, 37.3650, 11.1650 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 61.3700, 37.3650, 11.1650 by changing the saturation by 10% instead.

■ 61.3700, 37.3650,
11.1650

■ 61.3700, 37.3650,
11.1650

255.0000, -0.0000,
-0.0000

■ 37.8150, 34.6140,
11.4620

■ 111.1210, 42.5000,
11.7160

■ 15.8470, 31.5880,
11.2360

■ 136.9040, 44.6090,
12.0410

■ 6.8770, 13.7080,
4.8760

■ 163.8010, 46.3970,
12.6770

■ 0.0000, 0.0000,
0.0000

■ 191.2850, 47.9100,
12.7900

■ 213.2020, 37.7780,
9.1860

■ 232.7160, 21.4110,

2.9390

253.0450, 4.1270,
-3.2090

61.3700, 37.3650,
11.1650

61.3700, 37.3650,
11.1650

54.3600, 43.3250,
13.2850

68.3800, 31.4050,
9.0450

47.8230, 49.3310,
14.5710

74.9170, 25.3990,
7.7590

40.8130, 55.2910,
16.6910

81.9270, 19.4390,
5.6390

35.7920, 59.7840,
17.8640

88.4640, 13.4330,
4.3530

95.4740, 7.4730,
2.2330

■ 102.4840, 1.5130,
0.1130

■ 109.0210, -4.4930,
-1.1730

■ 116.0310,
-10.4530, -3.2930

■ 122.5680,
-16.4590, -4.5790

Harmonies

Analogous

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



62.5300, 31.4030, 20.0990



61.3700, 37.3650, 11.1650



61.1980, 34.4330, -1.7830

Triad

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



61.3700, 37.3650, 11.1650



50.5970, -24.5710, -22.7710



51.2930, -51.9930, 0.6390

Complementary

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



61.3700, 37.3650, 11.1650



81.6300, -37.3650, -11.1650

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.



53.5330, -52.9090, -4.7890



61.3700, 37.3650, 11.1650



50.6200, -40.5730, -19.1090

Square

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



61.3700, 37.3650, 11.1650



57.0320, 5.0010, -19.0550



53.3560, -48.2770, -11.6450



64.0490, -9.7230, 16.5250

Rectangle

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



61.3700, 37.3650, 11.1650



60.2200, 28.1990, -9.9530



53.3560, -48.2770, -11.6450



51.7550, -53.4140, -1.1420

Sweetspot

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



61.3700, 37.3650, 11.1650



117.9480, 14.9460, 4.4660



65.3890, 19.1590, 32.7510



58.3710, 9.2610, 2.8690



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



61.3700, 37.3650, 11.1650



68.3080, 58.2710, 17.7510



80.1540, 28.5650, -5.5710



47.4950, 2.9800, 1.0600



39.6680, 66.0650, 19.6730



82.9240, 139.2820, 41.8900

Inverse Universe

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



81.6300, -37.3650, -11.1650



100.1050, -57.9960, -17.2280



62.8460, -28.5650, 5.5710



49.5050, -2.9800, -1.0600



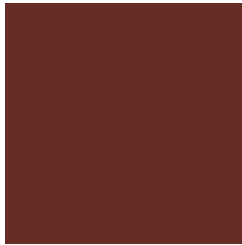
75.3320, -66.0650, -19.6730



159.0760, -139.2820, -41.8900

Previews

White Background



This preview shows how the YIQ color 61.3700, 37.3650, 11.1650 looks on a white background.

Color Contrast Check

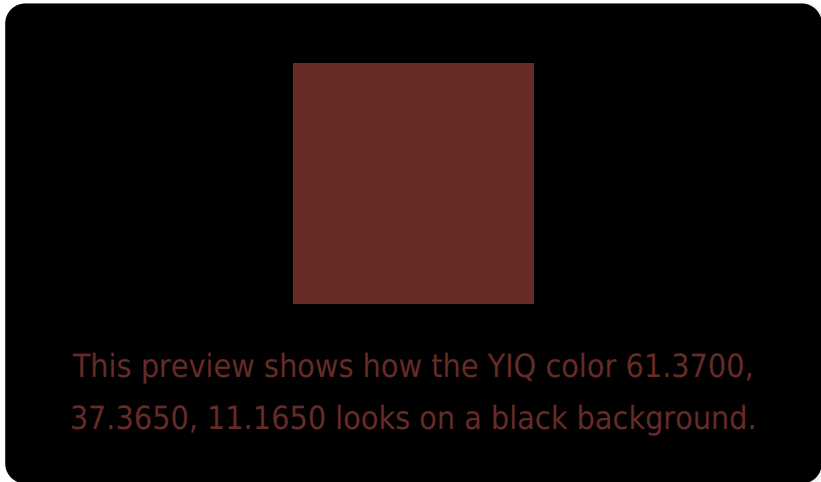
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 61.3700, 37.3650, 11.1650

Background



This preview shows how black text looks on a background with the YIQ color 61.3700, 37.3650, 11.1650.

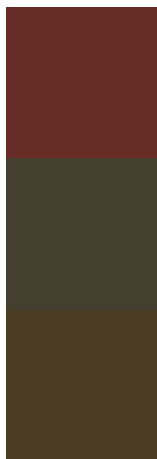


This preview shows how white text looks on a background with the YIQ color 61.3700, 37.3650,

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

61.3700, 37.3650, 11.1650

Protanopia

62.6710, 8.1160, -3.9160

Deuteranopia

62.3470, 17.8360, -3.8600



Tritanopia

61.5810, 35.3930, 13.8650

Trichromacy



Original Color

61.3700, 37.3650, 11.1650

Protanomaly

62.1070, 18.7520, 1.5680

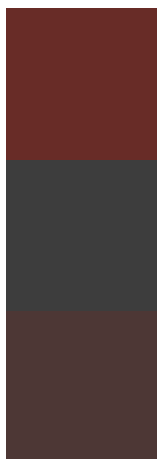
Deuteranomaly

61.9290, 25.1250, 1.7090

Tritanomaly

61.2390, 36.3560, 12.9320

Monochromacy



Original Color

61.3700, 37.3650, 11.1650

Achromatopsia

61.0000, 0.0000, -0.0000

Achromatomaly

61.3500, 13.7540, 4.0420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 61.3700, 37.3650, 11.1650 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(104, 44, 39)` looks like.

```
.text, #text, p{  
    color:rgb(104, 44, 39)  
}
```

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(104, 44, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 44, 39) }
```

Border

The CSS property to change the border of an element to YIQ 61.3700, 37.3650, 11.1650 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(104, 44, 39) }
```


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

```
.border{ border-color:rgb(104, 44, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 44, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 44, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 44, 39);  
box-shadow:4px 4px 4px 4px rgb(104, 44,  
39) }
```

Background

The CSS property to change the background color of an element to YIQ 61.3700, 37.3650, 11.1650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 44, 39) }
```

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

```
.background{ background-color: rgb(104, 44,  
39) }
```

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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