

Converting Colors

YIQ(61.5910, 29.4330, 11.7450)

Have a look what the booklet for
YIQ(61.5910, 29.4330, 11.7450)
contains.

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Color

**YIQ(61.5910, 29.4330,
11.7450)**

Conversions

Conversions Part 1

Format	Color
Hex	612E31
RGB	97, 46, 49
RGB Percent	38%, 18%, 19%
CMY	0.6195, 0.8197, 0.8077
CMYK	0.00, 0.53, 0.49, 0.62
HSL	356°, 36%, 28%
HSV	356°, 53%, 38%
XYZ	6.4643, 4.7174, 3.4788
YIQ	61.5910, 29.4330, 11.7450

Conversions

Conversions Part 2

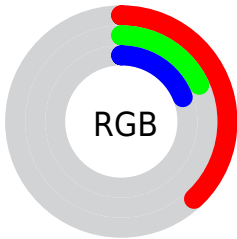
Format	Color
RYB	97, 46, 49
Decimal	6368817
CIELab	25.91, 23.43, 8.80
CIELCh	26, 25.029, 20.591
Yxy	4.7174, 0.4409, 0.3218
Android (android.graphics.Color)	4284558897 (0xFF612E31)
YUV	61.5910, -6.2074, 31.0537
Hunter-Lab	21.7196, 15.1164, 5.7073

Details

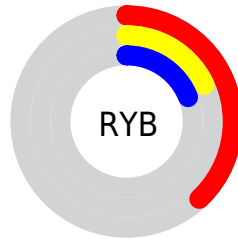
The YIQ color **61.5910, 29.4330, 11.7450** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **81.4090, -29.4330, -11.7450**, and the grayscale version is **62.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **110.2710, 33.3300, 12.7060**, and **15.0530, 28.0120, 9.9640** is the 20% darker color. If you saturate the color by 10%, you get **54.6950, 35.0720, 14.1760**, and if you desaturate by 10%, it is **68.4870, 23.7940, 9.3140**.

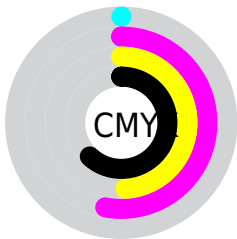
Distribution



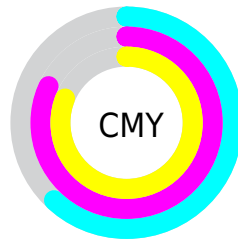
- Red (38%)
- Green (18%)
- Blue (19%)



- Red (38%)
- Yellow (18%)
- Blue (19%)



- Cyan (0%)
- Magenta (53%)
- Yellow (49%)
- Black (62%)



- Cyan (62%)
- Magenta (82%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 61.5910, 29.4330, 11.7450 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 61.5910, 29.4330, 11.7450 by changing the saturation by 10% instead.

61.5910, 29.4330,
11.7450

61.5910, 29.4330,
11.7450

255.0000, -0.0000,
-0.0000

38.8080, 27.3240,
11.4200

110.2710, 33.3300,
12.7060

15.0530, 28.0120,
9.9640

136.1680, 35.1180,
13.3420

4.4850, 8.9400,
3.1800

162.6520, 36.6310,
13.4550

0.0000, 0.0000,
0.0000

190.2500, 37.8230,
13.8790

215.7440, 33.3760,
11.8720

235.3720, 16.6880,

5.9360

■ 61.5910, 29.4330,
11.7450

■ 61.5910, 29.4330,
11.7450

■ 54.6950, 35.0720,
14.1760

■ 68.4870, 23.7940,
9.3140

■ 48.3860, 40.4360,
16.0840

■ 74.7960, 18.4300,
7.4060

■ 41.4900, 46.0750,
18.5150

■ 81.6920, 12.7910,
4.9750

■ 34.5940, 51.7140,
20.9460

■ 88.7020, 6.8310,
2.8550

■ 29.6870, 55.8860,
22.4300

■ 95.0110, 1.4670,
0.9470

■ 101.9070, -4.1720,
-1.4840

■ 108.8030, -9.8110,
-3.9150

■ 115.6990,
-15.4500, -6.3460

■ 122.0080,
-20.8140, -8.2540

Harmonies

Analogous

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



62.5610, 20.9500, 16.8060



61.5910, 29.4330, 11.7450



60.9080, 29.6180, 2.8820

Triad

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



61.5910, 29.4330, 11.7450



55.0830, -8.2040, -16.5240



50.6370, -47.2700, -2.3580

Complementary

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



61.5910, 29.4330, 11.7450



81.4090, -29.4330, -11.7450

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.



50.7630, -47.8650, -8.0970



61.5910, 29.4330, 11.7450



47.9470, -37.1800, -20.0280

Square

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



61.5910, 29.4330, 11.7450



58.2440, 10.4560, -13.2880



50.1130, -43.2790, -14.1190



61.5380, -15.7740, 10.5460

Rectangle

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



61.5910, 29.4330, 11.7450



60.5390, 26.0430, -3.9170



50.1130, -43.2790, -14.1190



50.3870, -49.5620, -4.8740

Sweetspot

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



61.5910, 29.4330, 11.7450



111.0940, 11.5990, 4.5510



66.1660, 12.2370, 26.0370



55.5880, 7.1520, 2.5440



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



61.5910, 29.4330, 11.7450



70.1910, 45.4790, 18.3030



74.1630, 24.3460, -0.6940



45.1960, 2.3840, 0.8480



34.2860, 64.5050, 25.9210



73.3560, 138.5460, 55.2340

Inverse Universe

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



61.5910, 29.4330, 11.7450



70.1910, 45.4790, 18.3030



68.8370, -24.3460, 0.6940



45.1960, 2.3840, 0.8480



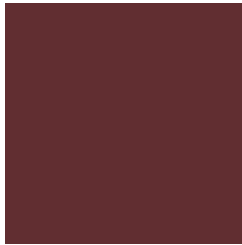
34.2860, 64.5050, 25.9210



73.3560, 138.5460, 55.2340

Previews

White Background



This preview shows how the YIQ color 61.5910, 29.4330, 11.7450 looks on a white background.

Color Contrast Check

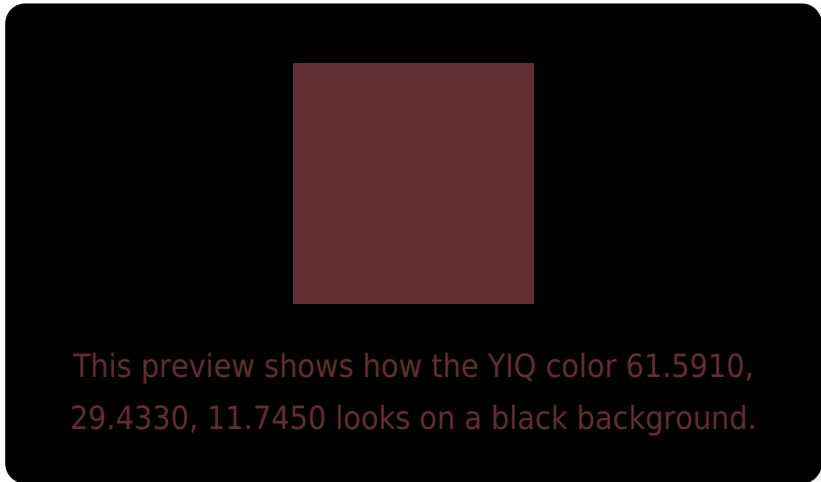
Large Text (above 18pt) WCAG AA ✓ Pass

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

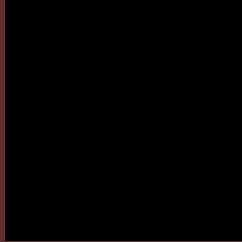
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 61.5910, 29.4330, 11.7450

Background



This preview shows how black text looks on a background with the YIQ color 61.5910, 29.4330, 11.7450.



This preview shows how white text looks on a background with the YIQ color 61.5910, 29.4330,

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

61.5910, 29.4330, 11.7450

Protanopia

62.0280, 2.7970, -1.1310

Deuteranopia

62.4050, 11.9210, -1.2870



Tritanopia

61.5910, 29.4330, 11.7450

Trichromacy



Original Color

61.5910, 29.4330, 11.7450

Protanomaly

61.7520, 12.5620, 3.6180

Deuteranomaly

62.2750, 18.3390, 3.5470

Tritanomaly

61.5910, 29.4330, 11.7450

Monochromacy



Original Color

61.5910, 29.4330, 11.7450

Achromatopsia

62.0000, -0.0000, -0.0000

Achromatomaly

61.7950, 11.0030, 4.3390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 61.5910, 29.4330, 11.7450 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(97, 46, 49)` looks like.

```
.text, #text, p{  
    color:rgb(97, 46, 49)  
}
```

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(97, 46, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 46, 49) }
```

Border

The CSS property to change the border of an element to YIQ 61.5910, 29.4330, 11.7450 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(97, 46, 49) }
```


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

```
.border{ border-color:rgb(97, 46, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 46, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 46, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 46, 49);  
box-shadow:4px 4px 4px 4px rgb(97, 46, 49)  
}
```

Background

The CSS property to change the background color of an element to YIQ 61.5910, 29.4330, 11.7450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 46, 49) }
```

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

```
.background{ background-color: rgb(97, 46,  
49) }
```

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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