

Converting Colors

YIQ(61.3000, 35.5270, 33.4710)

Have a look what the booklet for
YIQ(61.3000, 35.5270, 33.4710)
contains.

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Color

**YIQ(61.3000, 35.5270,
33.4710)**

Conversions

Conversions Part 1

Format	Color
Hex	741E4F
RGB	116, 30, 79
RGB Percent	45%, 12%, 31%
CMY	0.5449, 0.8825, 0.6901
CMYK	0.00, 0.74, 0.32, 0.54
HSL	326°, 59%, 29%
HSV	326°, 74%, 46%
XYZ	9.0860, 5.2087, 7.9287
YIQ	61.3000, 35.5270, 33.4710

Conversions

Conversions Part 2

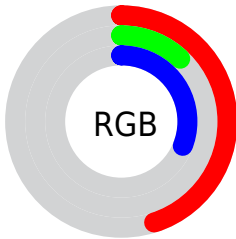
Format	Color
R_{YB}	116, 30, 79
Decimal	7609935
CIE _{Lab}	27.32, 41.89, -8.83
CIE _{LCh}	27, 42.810, 348.103
Yxy	5.2087, 0.4088, 0.2344
Android (android.graphics.Color)	4285800015 (0xFF741E4F)
YUV	61.3000, 8.7261, 47.9719
Hunter-Lab	22.8227, 31.1238, -4.6216

Details

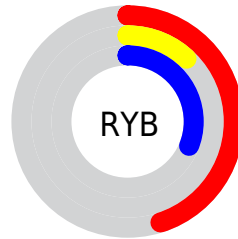
The YIQ color **61.3000, 35.5270, 33.4710** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **84.7000, -35.5270, -33.4710**, and the grayscale version is **61.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **113.8550, 38.2780, 33.1740**, and **23.1260, 26.9090, 24.4530** is the 20% darker color. If you saturate the color by 10%, you get **53.6860, 40.4320, 38.1920**, and if you desaturate by 10%, it is **68.9140, 30.6220, 28.7500**.

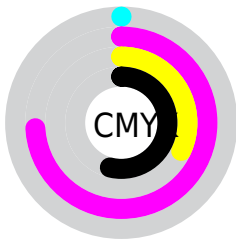
Distribution



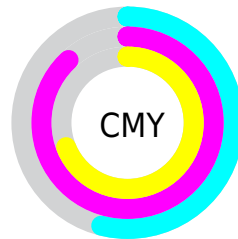
- Red (45%)
- Green (12%)
- Blue (31%)



- Red (45%)
- Yellow (12%)
- Blue (31%)



- Cyan (0%)
- Magenta (74%)
- Yellow (32%)
- Black (54%)



- Cyan (54%)
- Magenta (88%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 61.3000, 35.5270, 33.4710 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 61.3000, 35.5270, 33.4710 by changing the saturation by 10% instead.

■ 61.3000, 35.5270,
33.4710

■ 61.3000, 35.5270,
33.4710

■ 255.0000, -0.0000,
-0.0000

■ 33.2940, 35.6640,
36.4960

■ 113.8550, 38.2780,
33.1740

■ 23.1260, 26.9090,
24.4530

■ 140.4530, 39.4700,
33.5980

■ 13.6270, 20.5840,
12.4240

■ 167.4640, 40.9370,
34.5450

■ 0.0000, 0.0000,
0.0000

■ 195.1650, 40.3410,
34.3330

■ 214.2060, 23.9280,
28.9200

■ 233.2810, 10.1750,

19.3510

250.3040, 2.2000,
4.1840

61.3000, 35.5270,
33.4710

61.3000, 35.5270,
33.4710

53.6860, 40.4320,
38.1920

68.9140, 30.6220,
28.7500

46.6590, 45.0620,
42.3900

75.9410, 25.9920,
24.5520

42.2080, 47.9500,
45.1180

83.5550, 21.0870,
19.8310

90.5820, 16.4570,
15.6330

98.1960, 11.5520,
10.9120

■ 105.8100, 6.6470,
6.1910

■ 112.8370, 2.0170,
1.9930

■ 120.4510, -2.8880,
-2.7280

■ 127.4780, -7.5180,
-6.9260

Harmonies

Analogous

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



66.3380, 6.0010, 28.9210



61.3000, 35.5270, 33.4710



58.7450, 49.9710, 25.0030

Triad

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



61.3000, 35.5270, 33.4710



58.7420, 17.3810, -23.1550



58.6680, -57.7230, -5.6510

Complementary

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



61.3000, 35.5270, 33.4710



84.7000, -35.5270, -33.4710

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.



55.9490, -48.6890, -15.1930



61.3000, 35.5270, 33.4710



50.3340, -16.8210, -31.0690

Square

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



61.3000, 35.5270, 33.4710



60.9560, 37.6900, -11.2540



51.4860, -37.5000, -25.2440



56.9700, -61.2090, 2.4630

Rectangle

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



61.3000, 35.5270, 33.4710



59.9540, 50.3400, 12.8040



51.4860, -37.5000, -25.2440



57.6420, -54.8340, -8.4500

Sweetspot

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



61.3000, 35.5270, 33.4710



129.0330, 13.5690, 12.9050



50.5680, -6.1500, 34.3780



64.2340, 8.3890, 7.6610



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



61.3000, 35.5270, 33.4710



65.4310, 54.8720, 51.8320



56.5120, 49.0090, 20.4090



55.1360, 2.6130, 2.2050



44.4580, 50.2420, 47.6340



90.9380, 103.4180, 97.1620

Inverse Universe

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



61.3000, 35.5270, 33.4710



65.4310, 54.8720, 51.8320



89.4880, -49.0090, -20.4090



55.1360, 2.6130, 2.2050



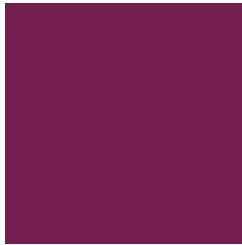
44.4580, 50.2420, 47.6340



90.9380, 103.4180, 97.1620

Previews

White Background



This preview shows how the YIQ color 61.3000, 35.5270, 33.4710 looks on a white background.

Color Contrast Check

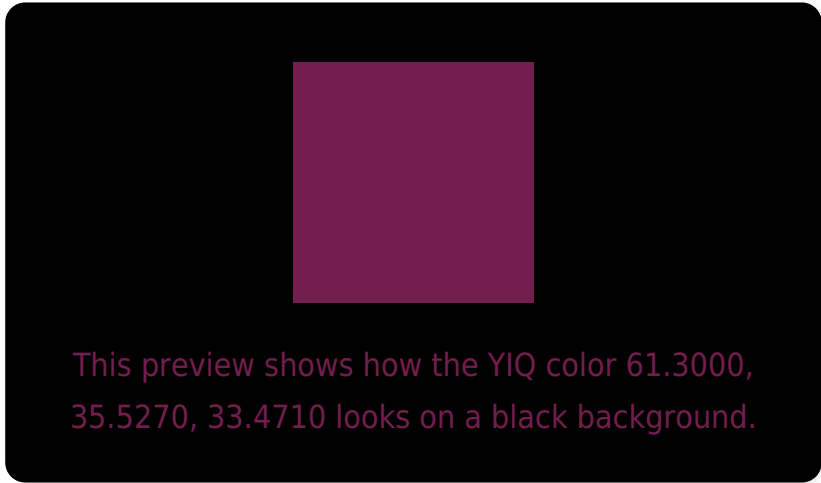
Large Text (above 18pt) WCAG AA ✓ Pass

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

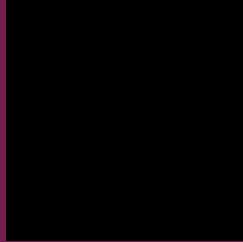
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 61.3000, 35.5270, 33.4710

Background



This preview shows how black text looks on a background with the YIQ color 61.3000, 35.5270, 33.4710.



This preview shows how white text looks on a background with the YIQ color 61.3000, 35.5270,

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

61.3000, 35.5270, 33.4710

Protanopia

65.5590, -20.2670, 9.3730

Deuteranopia

66.3360, -0.8260, 3.9580



Tritanopia

62.1690, 42.5450, 16.4090

Trichromacy



Original Color

61.3000, 35.5270, 33.4710

Protanomaly

63.7790, -0.0950, 18.2490

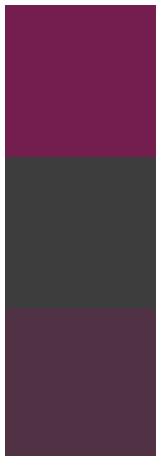
Deuteranomaly

64.6030, 11.9640, 14.4600

Tritanomaly

61.6020, 40.0680, 22.7560

Monochromacy



Original Color

61.3000, 35.5270, 33.4710

Achromatopsia

61.0000, 0.0000, -0.0000

Achromatomaly

61.3210, 12.6980, 12.1700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 61.3000, 35.5270, 33.4710 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(116, 30, 79)` looks like.

```
.text, #text, p{  
    color:rgb(116, 30, 79)  
}
```

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(116, 30, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 30, 79) }
```

Border

The CSS property to change the border of an element to YIQ 61.3000, 35.5270, 33.4710 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(116, 30, 79) }
```


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

```
.border{ border-color:rgb(116, 30, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 30, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 30, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 30, 79);  
box-shadow:4px 4px 4px 4px rgb(116, 30,  
79) }
```

Background

The CSS property to change the background color of an element to YIQ 61.3000, 35.5270, 33.4710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 30, 79) }
```

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

```
.background{ background-color: rgb(116, 30,  
79) }
```

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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