

Converting Colors

YIQ(77.5700, 33.9260, 12.9180)

Have a look what the booklet for
YIQ(77.5700, 33.9260, 12.9180)
contains.

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Color

**YIQ(77.5700, 33.9260,
12.9180)**

Conversions

Conversions Part 1

Format	Color
Hex	763C3E
RGB	118, 60, 62
RGB Percent	46%, 24%, 24%
CMY	0.5371, 0.7648, 0.7567
CMYK	0.00, 0.49, 0.47, 0.54
HSL	358°, 33%, 35%
HSV	358°, 49%, 46%
XYZ	9.9611, 7.4314, 5.4717
YIQ	77.5700, 33.9260, 12.9180

Conversions

Conversions Part 2

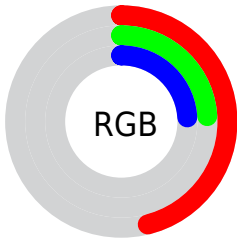
Format	Color
R_{YB}	118, 60, 62
Decimal	7748670
CIE Lab	32.77, 25.52, 10.28
CIE LCh	33, 27.515, 21.939
Yxy	7.4314, 0.4357, 0.3250
Android (android.graphics.Color)	4285938750 (0xFF763C3E)
YUV	77.5700, -7.6760, 35.4571
Hunter-Lab	27.2605, 17.5183, 7.1818

Details

The YIQ color **77.5700, 33.9260, 12.9180** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **100.4300, -33.9260, -12.9180**, and the grayscale version is **78.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **128.1360, 38.1440, 13.5680**, and **30.2320, 29.0660, 12.8900** is the 20% darker color. If you saturate the color by 10%, you get **69.2720, 40.7570, 15.7730**, and if you desaturate by 10%, it is **85.8680, 27.0950, 10.0630**.

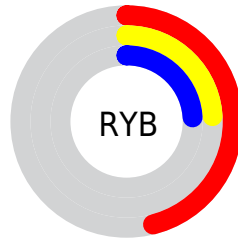
Distribution



 Red (46%)

 Green (24%)

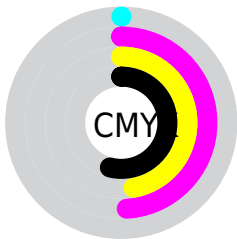
 Blue (24%)



 Red (46%)

 Yellow (24%)

 Blue (24%)

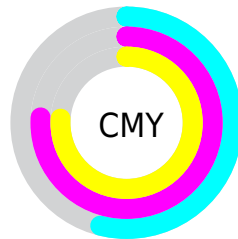


 Cyan (0%)

 Magenta (49%)

 Yellow (47%)

 Black (54%)



 Cyan (54%)

 Magenta (76%)

 Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.5700, 33.9260, 12.9180 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 77.5700, 33.9260, 12.9180 by changing the saturation by 10% instead.

■ 77.5700, 33.9260,
12.9180

■ 77.5700, 33.9260,
12.9180

255.0000, -0.0000,
-0.0000

■ 53.7870, 31.8170,
12.5930

■ 128.1360, 38.1440,
13.5680

■ 30.2320, 29.0660,
12.8900

■ 154.1470, 39.6110,
14.5150

■ 13.1560, 26.2240,
9.3280

■ 181.6310, 41.1240,
14.6280

■ 0.0000, 0.0000,
0.0000

■ 208.0330, 39.9320,
14.2040

■ 227.6610, 23.2440,
8.2680

■ 247.8760, 6.2810,

1.8090

■ 77.5700, 33.9260,
12.9180

■ 77.5700, 33.9260,
12.9180

■ 69.2720, 40.7570,
15.7730

■ 85.8680, 27.0950,
10.0630

■ 60.8600, 47.9090,
18.3170

■ 94.2800, 19.9430,
7.5190

■ 53.1490, 54.4650,
20.6490

■ 101.9910, 13.3870,
5.1870

■ 44.7370, 61.6170,
23.1930

■ 110.4030, 6.2350,
2.6430

■ 36.4390, 68.4480,
26.0480

■ 118.7010, -0.5960,
-0.2120

■ 35.7380, 69.0440,
26.2600

■ 126.9990, -7.4270,
-3.0670

■ 135.4110,
-14.5790, -5.6110

■ 143.1220,
-21.1350, -7.9430

■ 151.5340,
-28.2870, -10.4870

Harmonies

Analogous

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



78.8820, 24.4800, 18.9120



77.5700, 33.9260, 12.9180



76.9470, 33.8820, 2.6980

Triad

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



77.5700, 33.9260, 12.9180



70.1320, -9.9000, -18.8280



68.1040, -47.0870, -0.1670

Complementary

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



77.5700, 33.9260, 12.9180



100.4300, -33.9260, -12.9180

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.



63.1360, -59.2810, -10.4570



77.5700, 33.9260, 12.9180



61.1310, -43.6900, -23.1940

Square

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



77.5700, 33.9260, 12.9180



73.6630, 10.5940, -15.7900



62.2580, -54.0530, -17.1010



77.7060, -16.1870, 12.5250

Rectangle

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



77.5700, 33.9260, 12.9180



75.9800, 29.1150, -4.5250



62.2580, -54.0530, -17.1010



62.1730, -60.7030, -6.7110

Sweetspot

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



77.5700, 33.9260, 12.9180



136.9910, 13.3870, 5.1870



83.0570, 14.1620, 29.6980



67.1860, 8.3440, 2.9680



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.



77.5700, 33.9260, 12.9180



90.2520, 52.6770, 20.0130



92.6040, 27.4180, -1.3020



54.7940, 3.5760, 1.2720



36.9340, 71.4280, 27.1080



75.7760, 146.1110, 55.7990

Inverse Universe

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



77.5700, 33.9260, 12.9180



90.2520, 52.6770, 20.0130



85.3960, -27.4180, 1.3020



54.7940, 3.5760, 1.2720



36.9340, 71.4280, 27.1080



75.7760, 146.1110, 55.7990

Previews

White Background



This preview shows how the YIQ color 77.5700, 33.9260, 12.9180 looks on a white background.

Color Contrast Check

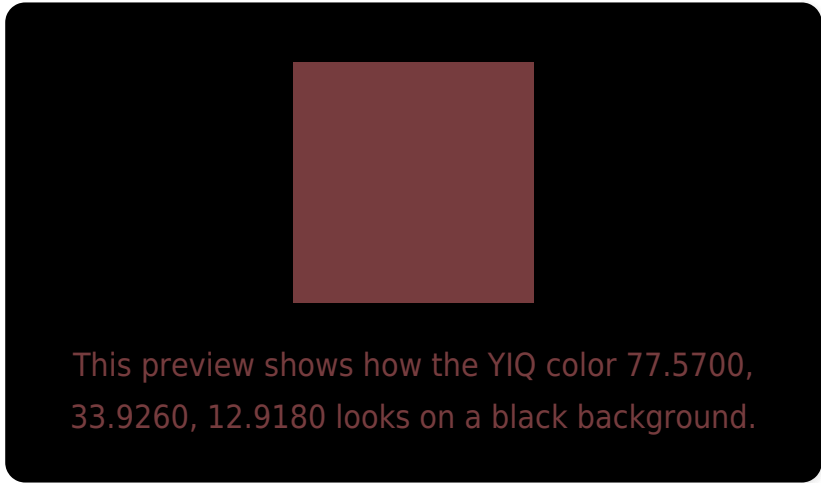
Large Text (above 18pt) WCAG AA ✓ Pass

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

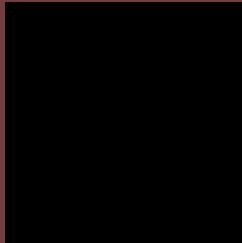
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 77.5700, 33.9260, 12.9180

Background



This preview shows how black text looks on a background with the YIQ color 77.5700, 33.9260, 12.9180.



This preview shows how white text looks on a background with the YIQ color 77.5700, 33.9260,

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

77.5700, 33.9260, 12.9180

Protanopia

77.5120, 4.3100, -1.0180

Deuteranopia

78.0740, 14.3510, -1.2730



Tritanopia

77.7980, 33.2840, 13.5400

Trichromacy



Original Color

77.5700, 33.9260, 12.9180

Protanomaly

77.5350, 14.6710, 3.9430

Deuteranomaly

78.2430, 21.3650, 3.7730

Tritanomaly

77.6840, 33.6050, 13.2290

Monochromacy



Original Color

77.5700, 33.9260, 12.9180

Achromatopsia

78.0000, -0.0000, -0.0000

Achromatomaly

77.6920, 12.7910, 4.9750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.5700, 33.9260, 12.9180 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(118, 60, 62)` looks like.

```
.text, #text, p{  
    color:rgb(118, 60, 62)  
}
```

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(118, 60, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 60, 62) }
```

Border

The CSS property to change the border of an element to YIQ 77.5700, 33.9260, 12.9180 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(118, 60, 62) }
```


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

```
.border{ border-color:rgb(118, 60, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 60, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 60, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 60, 62);  
box-shadow:4px 4px 4px 4px rgb(118, 60,  
62) }
```

Background

The CSS property to change the background color of an element to YIQ 77.5700, 33.9260, 12.9180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 60, 62) }
```

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

```
.background{ background-color: rgb(118, 60,  
62) }
```

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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