

Converting Colors

YIQ(153.5330, 88.0740, 11.7700)

Have a look what the booklet for
YIQ(153.5330, 88.0740, 11.7700)
contains.

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Color

**YIQ(153.5330, 88.0740,
11.7700)**

Conversions

Conversions Part 1

Format	Color
Hex	F57A4C
RGB	245, 122, 76
RGB Percent	96%, 48%, 30%
CMY	0.0390, 0.5217, 0.7016
CMYK	0.00, 0.50, 0.69, 0.04
HSL	16°, 89%, 63%
HSV	16°, 69%, 96%
XYZ	45.9408, 33.8541, 10.9685
YIQ	153.5330, 88.0740, 11.7700

Conversions

Conversions Part 2

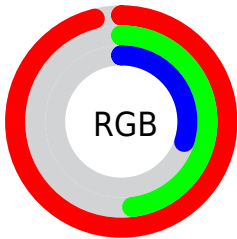
Format	Color
R _Y B	245, 139, 76
Decimal	16087628
CIE Lab	64.85, 43.92, 46.33
CIE LCh	65, 63.839, 46.532
Yxy	33.8541, 0.5062, 0.3730
Android (android.graphics.Color)	4294277708 (0xFFFF57A4C)
YUV	153.5330, -38.2238, 80.2166
Hunter-Lab	58.1843, 39.1164, 29.5520

Details

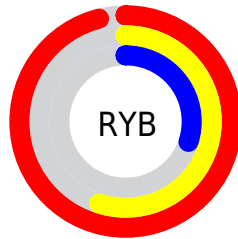
The YIQ color **153.5330, 88.0740, 11.7700** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **167.4670, -88.0740, -11.7700**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **194.0350, 62.8130, 1.5090**, and **98.9990, 80.8300, 10.8940** is the 20% darker color. If you saturate the color by 10%, you get **140.2310, 100.7280, 13.7200**, and if you desaturate by 10%, it is **166.9490, 75.0990, 10.1310**.

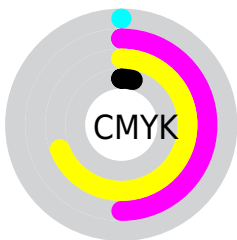
Distribution



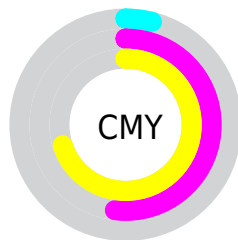
- Red (96%)
- Green (48%)
- Blue (30%)



- Red (96%)
- Yellow (55%)
- Blue (30%)



- Cyan (0%)
- Magenta (50%)
- Yellow (69%)
- Black (4%)





- Cyan (4%)
- Magenta (52%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 153.5330, 88.0740, 11.7700 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 153.5330, 88.0740, 11.7700 by changing the saturation by 10% instead.


 153.5330, 88.0740,
11.7700


 153.5330, 88.0740,
11.7700


255.0000, -0.0000,
-0.0000


 126.2660, 84.4520,
11.3320


 194.0350, 62.8130,
1.5090


 98.4120, 81.1050,
11.4170


 214.0220, 46.4920,
-5.5720

 70.9170, 78.1250,
10.3570


 233.5360, 30.1250,
-11.8190

 42.9350, 69.6870,
20.1110

 249.6420, 15.0870,
-14.6170

 27.5080, 54.8320,
19.5040

 252.9480, 5.7780,
-5.5980

 19.1360, 38.1440,
13.5680

 10.5790, 20.5390,

7.7310

■ 0.0000, 0.0000,
0.0000

■ 153.5330, 88.0740,
11.7700

■ 153.5330, 88.0740,
11.7700

■ 140.2310,
100.7280, 13.7200

■ 166.9490, 75.0990,
10.1310

■ 126.8150,
113.7030, 15.3590

■ 180.2510, 62.4450,
8.1810


■ 113.5130,
126.3570, 17.3090


■ 193.6670, 49.4700,
6.5420


■ 112.5840,
127.5950, 16.8990

■ 206.3820, 37.0910,
5.1150

■ 219.7980, 24.1160,
3.4760

 233.1000, 11.4620,
1.5260

 246.5160, -1.5130,
-0.1130

 252.0100, -5.9600,
-2.1200

Harmonies

Analogous

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



151.8850, 82.2920, 39.4760



153.5330, 88.0740, 11.7700



151.4110, 72.5370, -20.5430

Triad

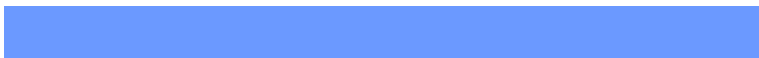
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



153.5330, 88.0740, 11.7700



122.1270, -91.7340, -55.5900



150.8740, -60.1580, 21.9700

Complementary

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



153.5330, 88.0740, 11.7700



167.4670, -88.0740, -11.7700

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.



129.4470, -128.8800, -10.1280



153.5330, 88.0740, 11.7700



130.0270, -111.2230, -38.2870

Square

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



153.5330, 88.0740, 11.7700



138.3590, -19.1100, -50.1660



133.4930, -126.4940, -20.3340



161.9540, 7.9230, 49.1630

Rectangle

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



153.5330, 88.0740, 11.7700



148.7360, 51.9080, -37.6600



133.4930, -126.4940, -20.3340



135.5480, -100.8230, 4.5290

Sweetspot

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



153.5330, 88.0740, 11.7700



225.9510, 28.0590, 3.6030



140.6670, 60.9200, 74.3920



110.2640, 16.8720, 2.6000



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



153.5330, 88.0740, 11.7700



140.4340, 110.4020, 14.6100



202.8410, 64.9740, -32.1620



115.3490, 6.3270, 0.9750



85.5510, 96.8310, 12.7590



27.0330, 30.7640, 4.1400

Inverse Universe

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



167.4670, -88.0740, -11.7700



158.1530, -110.6770, -15.1330



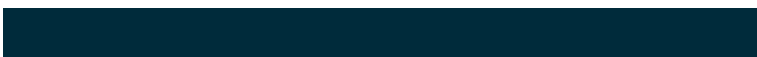
118.7460, -65.2490, 31.6390



116.6510, -6.3270, -0.9750



101.0360, -97.1060, -13.2820



31.9670, -30.7640, -4.1400

Previews

White Background



This preview shows how the YIQ color 153.5330, 88.0740, 11.7700 looks on a white 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

Black Background



This preview shows how the YIQ color 153.5330, 88.0740, 11.7700 looks on a black 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

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

YIQ 153.5330, 88.0740, 11.7700

Background



This preview shows how black text looks on a background with the YIQ color 153.5330, 88.0740, 11.7700.



This preview shows how white text looks on a background with the YIQ color 153.5330, 88.0740,

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

153.5330, 88.0740, 11.7700

Protanopia

154.5050, 31.4100, -18.5900

Deuteranopia

154.3350, 52.5000, -15.3400



Tritanopia

156.3800, 76.1040, 30.4720

Trichromacy



Original Color

153.5330, 88.0740, 11.7700

Protanomaly

154.1920, 51.7650, -7.5230

Deuteranomaly

154.0750, 65.3360, -5.6720

Tritanomaly

155.3170, 80.4150, 23.9270

Monochromacy



Original Color

153.5330, 88.0740, 11.7700

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

153.6310, 31.9560, 4.5640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.5330, 88.0740, 11.7700 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(245, 122, 76)` looks like.

```
.text, #text, p{  
    color:rgb(245, 122, 76)  
}
```

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(245, 122, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 122, 76) }
```

Border

The CSS property to change the border of an element to YIQ 153.5330, 88.0740, 11.7700 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(245, 122, 76) }
```


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

```
.border{ border-color:rgb(245, 122, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 122, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 122, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 122, 76);  
box-shadow:4px 4px 4px 4px rgb(245, 122,  
76) }
```

Background

The CSS property to change the background color of an element to YIQ 153.5330, 88.0740, 11.7700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 122, 76) }
```

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

```
.background{ background-color: rgb(245,  
122, 76) }
```

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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