

Converting Colors

YIQ(156.3130, 77.0700, 12.9580)

Have a look what the booklet for
YIQ(156.3130, 77.0700, 12.9580)
contains.

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Color

**YIQ(156.3130, 77.0700,
12.9580)**

Conversions

Conversions Part 1

Format	Color
Hex	EE7F5D
RGB	238, 127, 93
RGB Percent	93%, 50%, 36%
CMY	0.0664, 0.5021, 0.6350
CMYK	0.00, 0.47, 0.61, 0.07
HSL	14°, 81%, 65%
HSV	14°, 61%, 93%
XYZ	44.8436, 34.1464, 14.6030
YIQ	156.3130, 77.0700, 12.9580

Conversions

Conversions Part 2

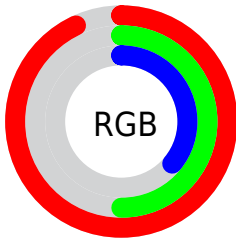
Format	Color
R _Y B	238, 137, 93
Decimal	15630173
CIE Lab	65.08, 39.77, 37.42
CIE LCh	65, 54.604, 43.254
Yxy	34.1464, 0.4791, 0.3648
Android (android.graphics.Color)	4293820253 (0xFFEE7F5D)
YUV	156.3130, -31.2133, 71.6395
Hunter-Lab	58.4349, 34.7218, 26.0877

Details

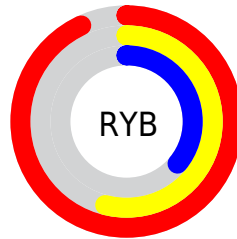
The YIQ color **156.3130, 77.0700, 12.9580** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **174.6870, -77.0700, -12.9580**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **198.9080, 55.9810, 4.1810**, and **102.1920, 70.1010, 12.6050** is the 20% darker color. If you saturate the color by 10%, you get **143.0110, 89.7240, 14.9080**, and if you desaturate by 10%, it is **169.6150, 64.4160, 11.0080**.

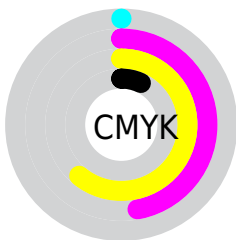
Distribution



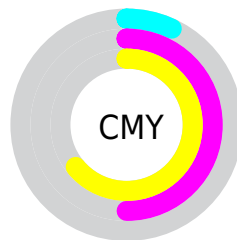
- Red (93%)
- Green (50%)
- Blue (36%)



- Red (93%)
- Yellow (54%)
- Blue (36%)



- Cyan (0%)
- Magenta (47%)
- Yellow (61%)
- Black (7%)





- Cyan (7%)
- Magenta (50%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 156.3130, 77.0700, 12.9580 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 156.3130, 77.0700, 12.9580 by changing the saturation by 10% instead.


 156.3130, 77.0700,
12.9580


 156.3130, 77.0700,
12.9580


255.0000, -0.0000,
-0.0000


 129.0460, 73.4480,
12.5200


 198.9080, 55.9810,
4.1810


 102.1920, 70.1010,
12.6050


 218.4220, 39.6140,
-2.0660


 75.9250, 66.4790,
12.1670

 238.5230, 22.9720,
-8.8360

 48.7830, 64.0030,
12.9870

 251.6940, 9.3090,
-9.0190

 26.6110, 53.0440,
18.8680

 18.2390, 36.3560,
12.9320

 9.6820, 18.7510,

7.0950

■ 0.0000, 0.0000,
0.0000

■ 156.3130, 77.0700,
12.9580

■ 156.3130, 77.0700,
12.9580

■ 143.0110, 89.7240,
14.9080

■ 169.6150, 64.4160,
11.0080

■ 129.1220,
102.6530, 17.3810

■ 182.9170, 51.7620,
9.0580

■ 115.9340,
114.9860, 19.6420

■ 196.8060, 38.8330,
6.5850

■ 104.0340,
126.4480, 21.1680

■ 209.9940, 26.5000,
4.3240

■ 223.2960, 13.8460,
2.3740

■ 236.5980, 1.1920,
0.4240

■ 249.9170,
-10.1320, -3.6040

Harmonies

Analogous

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



157.6880, 72.4810, 35.5610



156.3130, 77.0700, 12.9580



154.8480, 64.2370, -13.2910

Triad

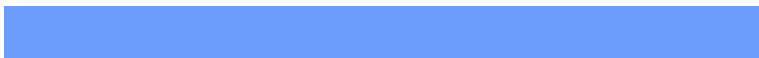
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



156.3130, 77.0700, 12.9580



120.2520, -90.5880, -54.3320



153.3040, -58.5530, 20.4150

Complementary

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



156.3130, 77.0700, 12.9580



174.6870, -77.0700, -12.9580

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.



128.9910, -127.5960, -11.3720



156.3130, 77.0700, 12.9580



127.2400, -107.5090, -39.5170

Square

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



156.3130, 77.0700, 12.9580



144.4900, -8.9330, -41.8690



130.6090, -121.1290, -23.9530



162.5630, 1.4140, 40.4700

Rectangle

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



156.3130, 77.0700, 12.9580



152.1350, 46.7710, -27.1570



130.6090, -121.1290, -23.9530



144.4960, -85.8770, 8.9950

Sweetspot

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



156.3130, 77.0700, 12.9580



229.2110, 24.3910, 3.9990



149.0090, 50.7890, 65.2610



111.7800, 15.3590, 2.4870



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.



156.3130, 77.0700, 12.9580



149.8550, 99.0310, 16.9430



198.5770, 57.2700, -24.6980



113.3490, 6.3270, 0.9750



80.2570, 97.8390, 16.5190



24.3750, 29.8010, 5.0730

Inverse Universe

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



174.6870, -77.0700, -12.9580



174.1450, -99.0310, -16.9430



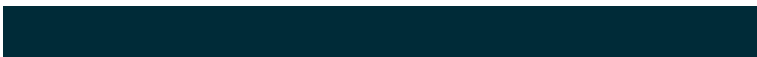
132.4230, -57.2700, 24.6980



114.6510, -6.3270, -0.9750



103.7430, -97.8390, -16.5190



31.6250, -29.8010, -5.0730

Previews

White Background



This preview shows how the YIQ color 156.3130, 77.0700, 12.9580 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 156.3130, 77.0700, 12.9580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

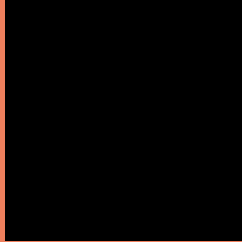
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 156.3130, 77.0700, 12.9580

Background



This preview shows how black text looks on a background with the YIQ color 156.3130, 77.0700, 12.9580.



This preview shows how white text looks on a background with the YIQ color 156.3130, 77.0700,

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

156.3130, 77.0700, 12.9580

Protanopia

156.1440, 25.3570, -13.5150

Deuteranopia

156.3760, 45.2550, -10.6890



Tritanopia

158.3080, 67.4390, 27.8150

Trichromacy



Original Color

156.3130, 77.0700, 12.9580

Protanomaly

156.4070, 43.9700, -3.9180

Deuteranomaly

156.1050, 56.6240, -1.9680

Tritanomaly

157.5870, 70.7870, 22.2030

Monochromacy



Original Color

156.3130, 77.0700, 12.9580

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

155.8910, 28.2880, 4.9600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.3130, 77.0700, 12.9580 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(238, 127, 93)` looks like.

```
.text, #text, p{  
    color:rgb(238, 127, 93)  
}
```

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(238, 127, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 127, 93) }
```

Border

The CSS property to change the border of an element to YIQ 156.3130, 77.0700, 12.9580 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(238, 127, 93) }
```


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

```
.border{ border-color:rgb(238, 127, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 127, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 127, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 127, 93);  
box-shadow:4px 4px 4px 4px rgb(238, 127,  
93) }
```

Background

The CSS property to change the background color of an element to YIQ 156.3130, 77.0700, 12.9580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 127, 93) }
```

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

```
.background{ background-color: rgb(238,  
127, 93) }
```

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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