

Converting Colors

YIQ(136.9330, 107.5590,
16.5750)

Have a look what the booklet for
YIQ(136.9330, 107.5590, 16.5750)
contains.

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Color

**YIQ(136.9330, 107.5590,
16.5750)**

Conversions

Conversions Part 1

Format	Color
Hex	FA612E
RGB	250, 97, 46
RGB Percent	98%, 38%, 18%
CMY	0.0193, 0.6198, 0.8191
CMYK	0.00, 0.61, 0.82, 0.02
HSL	15°, 95%, 58%
HSV	15°, 82%, 98%
XYZ	44.2189, 29.0753, 5.8786
YIQ	136.9330, 107.5590, 16.5750

Conversions

Conversions Part 2

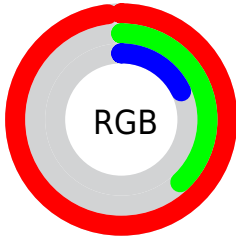
Format	Color
R _Y B	250, 114, 46
Decimal	16408878
CIE Lab	60.85, 56.19, 56.91
CIE LCh	61, 79.972, 45.364
Yxy	29.0753, 0.5585, 0.3672
Android (android.graphics.Color)	4294598958 (0xFFFA612E)
YUV	136.9330, -44.8300, 99.1598
Hunter-Lab	53.9215, 52.0182, 31.2812

Details

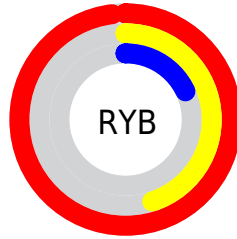
The YIQ color **136.9330, 107.5590, 16.5750** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **159.0670, -107.5590, -16.5750**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **177.0000, 79.0890, 3.8970**, and **78.2080, 99.5350, 18.8230** is the 20% darker color. If you saturate the color by 10%, you get **122.9300, 120.8090, 18.7370**, and if you desaturate by 10%, it is **150.9360, 94.3090, 14.4130**.

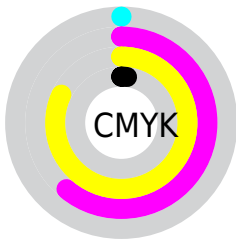
Distribution



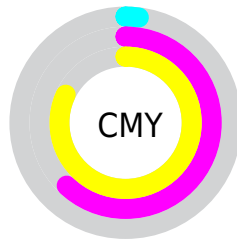
- Red (98%)
- Green (38%)
- Blue (18%)



- Red (98%)
- Yellow (45%)
- Blue (18%)



- Cyan (0%)
- Magenta (61%)
- Yellow (82%)
- Black (2%)





- Cyan (2%)
- Magenta (62%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 136.9330, 107.5590, 16.5750 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 136.9330, 107.5590, 16.5750 by changing the saturation by 10% instead.


 136.9330,
107.5590, 16.5750

 136.9330,
107.5590, 16.5750


255.0000, -0.0000,
-0.0000


 107.9650,
104.5330, 16.3490


 177.0000, 79.0890,
3.8970


 77.6210, 99.8100,
19.3460


 196.4000, 63.0430,
-2.6610


 46.0460, 91.7840,
32.6480


 216.5010, 46.4010,
-9.4310

 36.4780, 72.7120,
25.8640

 236.6020, 29.7590,
-16.2010

 27.5080, 54.8320,
19.5040

 249.1860, 16.3710,
-15.8610

 19.3640, 37.5020,
14.1900

 252.4920, 7.0620,

 9.0840, 17.5590,

-6.8420

6.6710

■ 0.0000, 0.0000,
0.0000

■ 136.9330,
107.5590, 16.5750

■ 136.9330,
107.5590, 16.5750

■ 122.9300,
120.8090, 18.7370

■ 150.9360, 94.3090,
14.4130

■ 111.1440,
131.9500, 20.5740

■ 164.3520, 81.3340,
12.7740

■ 178.3550, 68.0840,
10.6120

■ 192.3580, 54.8340,
8.4500

■ 206.3610, 41.5840,
6.2880

220.3640, 28.3340,
4.1260

233.7800, 15.3590,
2.4870

247.7830, 2.1090,
0.3250

253.5050, -2.9800,
-1.0600

Harmonies

Analogous

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



126.8090, 97.7860, 56.0420



136.9330, 107.5590, 16.5750



138.1920, 86.1550, -25.0530

Triad

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



136.9330, 107.5590, 16.5750



115.6240, -83.0680, -58.4600



118.6920, -109.8560, 8.5440

Complementary

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



136.9330, 107.5590, 16.5750



159.0670, -107.5590, -16.5750

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.



125.9250, -127.2300, -6.9900



136.9330, 107.5590, 16.5750



125.2340, -107.3720, -36.4920

Square

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



136.9330, 107.5590, 16.5750



117.6870, -26.6260, -68.1460



130.8830, -127.4120, -14.7080



150.1470, 6.3620, 60.9380

Rectangle

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



136.9330, 107.5590, 16.5750



136.5100, 58.2360, -42.2120



130.8830, -127.4120, -14.7080



118.2940, -123.6550, -0.1910

Sweetspot

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



136.9330, 107.5590, 16.5750



221.0440, 32.2310, 5.0870



124.7800, 71.5080, 91.7640



107.3460, 19.5770, 3.1370



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.



136.9330, 107.5590, 16.5750



116.1440, 131.9500, 20.5740



195.0460, 80.3340, -35.2020



118.2350, 6.6480, 0.6640



84.1000, 99.7190, 15.4870



27.0440, 32.2310, 5.0870

Inverse Universe

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



159.0670, -107.5590, -16.5750



143.8560, -131.9500, -20.5740



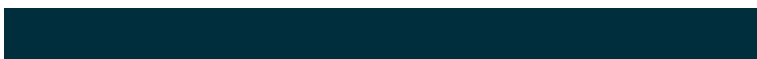
101.5410, -80.6090, 34.6790



119.3520, -6.9230, -1.1870



104.9000, -99.7190, -15.4870



33.9560, -32.2310, -5.0870

Previews

White Background



This preview shows how the YIQ color 136.9330, 107.5590, 16.5750 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 136.9330, 107.5590, 16.5750 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 × Fail

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

YIQ 136.9330, 107.5590, 16.5750

Background



This preview shows how black text looks on a background with the YIQ color 136.9330, 107.5590, 16.5750.



This preview shows how white text looks on a background with the YIQ color 136.9330, 107.5590,

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

136.9330, 107.5590, 16.5750

Protanopia

142.1650, 38.0590, -23.4530

Deuteranopia

141.0290, 61.8090, -24.3590



Tritanopia

139.8230, 94.0300, 35.9980

Trichromacy



Original Color

136.9330, 107.5590, 16.5750

Protanomaly

140.2980, 63.0900, -9.0220

Deuteranomaly

139.3830, 78.9080, -9.3480

Tritanomaly

138.5320, 98.9830, 28.8310

Monochromacy



Original Color

136.9330, 107.5590, 16.5750

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.6920, 39.1540, 6.2740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.9330, 107.5590, 16.5750 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(250, 97, 46)` looks like.

```
.text, #text, p{  
    color:rgb(250, 97, 46)  
}
```

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(250, 97, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 97, 46) }
```

Border

The CSS property to change the border of an element to YIQ 136.9330, 107.5590, 16.5750 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(250, 97, 46) }
```


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

```
.border{ border-color:rgb(250, 97, 46) }
```

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

Here you see how a box with a 4 pixel rgb(250, 97, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 97, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 97, 46);  
box-shadow:4px 4px 4px 4px rgb(250, 97,  
46) }
```

Background

The CSS property to change the background color of an element to YIQ 136.9330, 107.5590, 16.5750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 97, 46) }
```

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

```
.background{ background-color: rgb(250, 97,  
46) }
```

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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