

Converting Colors

YIQ(136.6960, 95.2250, 19.8410)

Have a look what the booklet for
YIQ(136.6960, 95.2250, 19.8410)
contains.

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Color

**YIQ(136.6960, 95.2250,
19.8410)**

Conversions

Conversions Part 1

Format	Color
Hex	F06241
RGB	240, 98, 65
RGB Percent	94%, 38%, 25%
CMY	0.0585, 0.6159, 0.7447
CMYK	0.00, 0.59, 0.73, 0.06
HSL	11°, 85%, 60%
HSV	11°, 73%, 94%
XYZ	41.2819, 27.6465, 8.1772
YIQ	136.6960, 95.2250, 19.8410

Conversions

Conversions Part 2

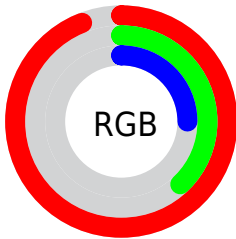
Format	Color
R_{YB}	240, 106, 65
Decimal	15753793
CIE _{Lab}	59.57, 52.93, 45.91
CIE _{LCh}	60, 70.066, 40.936
Yxy	27.6465, 0.5354, 0.3586
Android (android.graphics.Color)	4293943873 (0xFFFF06241)
YUV	136.6960, -35.3461, 90.5976
Hunter-Lab	52.5799, 48.1302, 27.5852

Details

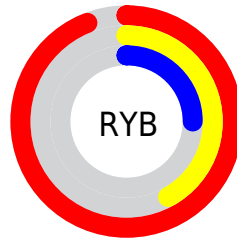
The YIQ color **136.6960, 95.2250, 19.8410** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **168.3040, -95.2250, -19.8410**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **179.0520, 73.3110, 9.4950**, and **79.6290, 88.1640, 21.1560** is the 20% darker color. If you saturate the color by 10%, you get **122.2200, 108.4290, 22.8370**, and if you desaturate by 10%, it is **150.5850, 82.2960, 17.3680**.

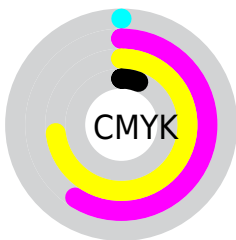
Distribution



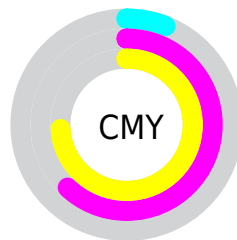
- Red (94%)
- Green (38%)
- Blue (25%)



- Red (94%)
- Yellow (42%)
- Blue (25%)



- Cyan (0%)
- Magenta (59%)
- Yellow (73%)
- Black (6%)





- Cyan (6%)
- Magenta (62%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 136.6960, 95.2250, 19.8410 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 136.6960, 95.2250, 19.8410 by changing the saturation by 10% instead.


 136.6960, 95.2250,
19.8410


 136.6960, 95.2250,
19.8410


255.0000, -0.0000,
-0.0000


 108.0700, 91.2360,
20.5480


 179.1660, 72.9900,
9.8060


 79.0420, 88.4390,
21.6790


 198.5660, 56.9440,
3.2480


 43.6540, 87.0160,
30.9520


 218.5530, 40.6230,
-3.8330

 34.3850, 68.5400,
24.3800

 238.7680, 23.6600,
-10.2920

 25.4150, 50.6600,
18.0200

 251.3520, 10.2720,
-9.9520

 17.5700, 33.9260,
12.9180

254.6580, 0.9630,

 5.6810, 11.3240,

-0.9330

4.0280

■ 0.0000, 0.0000,
0.0000

■ 136.6960, 95.2250,
19.8410

■ 136.6960, 95.2250,
19.8410

■ 122.2200,
108.4290, 22.8370

■ 150.5850, 82.2960,
17.3680

■ 108.3310,
121.3580, 25.3100

■ 165.0610, 69.0920,
14.3720

■ 98.1750, 130.6650,
27.3450

■ 178.9500, 56.1630,
11.8990

■ 193.4260, 42.9590,
8.9030

■ 207.3150, 30.0300,
6.4300

221.7910, 16.8260,
3.4340

235.6800, 3.8970,
0.9610

249.9280, -8.6650,
-2.6570

250.5150, -8.9400,
-3.1800

Harmonies

Analogous

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



135.5690, 89.5340, 51.4060



136.6960, 95.2250, 19.8410



134.9580, 86.9340, -22.6500

Triad

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



136.6960, 95.2250, 19.8410



110.7170, -78.8960, -56.9760



113.0110, -121.1800, 4.5160

Complementary

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



136.6960, 95.2250, 19.8410



168.3040, -95.2250, -19.8410

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.



123.5770, -126.1300, -4.8980



136.6960, 95.2250, 19.8410



119.7740, -100.2650, -38.6410

Square

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



136.6960, 95.2250, 19.8410



123.9440, -7.8760, -55.5240



125.2120, -118.3330, -19.5570



147.1360, -4.2730, 49.9270

Rectangle

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



136.6960, 95.2250, 19.8410



133.5970, 62.5450, -37.7030



125.2120, -118.3330, -19.5570



117.1200, -123.1050, 0.8550

Sweetspot

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



136.6960, 95.2250, 19.8410



221.6140, 30.6260, 6.6420



133.6270, 58.3970, 81.5730



108.2750, 18.3390, 3.5470



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.



136.6960, 95.2250, 19.8410



124.0320, 120.7620, 25.0980



187.7650, 71.3000, -25.6600



112.7620, 6.6020, 1.4980



74.9740, 100.3140, 21.2260



23.2010, 30.3510, 6.1190

Inverse Universe

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



168.3040, -95.2250, -19.8410



163.9680, -120.7620, -25.0980



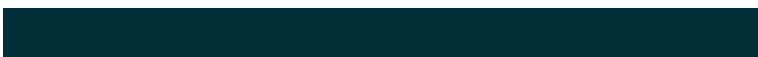
117.8220, -71.5750, 25.1370



115.2380, -6.6020, -1.4980



108.4390, -100.0390, -20.7030



33.3860, -30.6260, -6.6420

Previews

White Background



This preview shows how the YIQ color 136.6960, 95.2250, 19.8410 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 136.6960, 95.2250, 19.8410 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 136.6960, 95.2250, 19.8410

Background



This preview shows how black text looks on a background with the YIQ color 136.6960, 95.2250, 19.8410.



This preview shows how white text looks on a background with the YIQ color 136.6960, 95.2250,

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

136.6960, 95.2250, 19.8410

Protanopia

140.8900, 28.8880, -16.9360

Deuteranopia

140.3240, 51.0330, -16.2870



Tritanopia

138.8220, 86.6030, 32.9310

Trichromacy



Original Color

136.6960, 95.2250, 19.8410

Protanomaly

139.3110, 53.0480, -3.2400

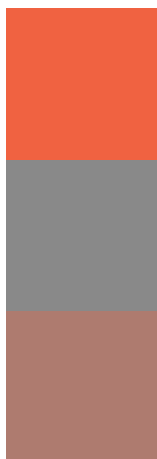
Deuteranomaly

139.0260, 67.0320, -3.3680

Tritanomaly

137.7420, 89.5840, 28.4640

Monochromacy



Original Color

136.6960, 95.2250, 19.8410

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.8810, 34.2480, 7.0800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.6960, 95.2250, 19.8410 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(240, 98, 65)` looks like.

```
.text, #text, p{  
    color:rgb(240, 98, 65)  
}
```

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(240, 98, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 98, 65) }
```

Border

The CSS property to change the border of an element to YIQ 136.6960, 95.2250, 19.8410 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(240, 98, 65) }
```


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

```
.border{ border-color:rgb(240, 98, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 98, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 98, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 98, 65);  
box-shadow:4px 4px 4px 4px rgb(240, 98,  
65) }
```

Background

The CSS property to change the background color of an element to YIQ 136.6960, 95.2250, 19.8410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 98, 65) }
```

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

```
.background{ background-color: rgb(240, 98,  
65) }
```

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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