

Converting Colors

YIQ(133.8380, 106.8690,
29.0850)

Have a look what the booklet for
YIQ(133.8380, 106.8690, 29.0850)
contains.

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Color

**YIQ(133.8380, 106.8690,
29.0850)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | FE5641 |
| RGB | 254, 86, 65 |
| RGB Percent | 100%, 34%, 25% |
| CMY | 0.0035, 0.6630, 0.7447 |
| CMYK | 0.00, 0.66, 0.74, 0.00 |
| HSL | 7°, 99%, 63% |
| HSV | 7°, 74%, 100% |
| XYZ | 45.1887, 28.1167, 8.0635 |
| YIQ | 133.8380, 106.8690, 29.0850 |

Conversions

Conversions Part 2

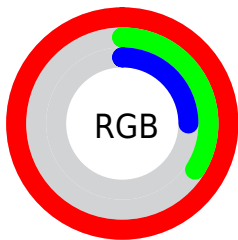
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 254, 89, 65 |
| Decimal | 16668225 |
| CIE _{Lab} | 59.99, 62.68, 47.04 |
| CIE _{LCh} | 60, 78.367, 36.885 |
| Yxy | 28.1167, 0.5554, 0.3455 |
| Android (android.graphics.Color) | 4294858305 (0xFFFE5641) |
| YUV | 133.8380, -33.9371, 105.3821 |
| Hunter-Lab | 53.0252, 59.3258, 28.1015 |

Details

The YIQ color **133.8380, 106.8690, 29.0850** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed red. A complement of this color would be **185.1620, -106.8690, -29.0850**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **173.1820, 76.0610, 14.7250**, and **67.4820, 102.4200, 38.1320** is the 20% darker color. If you saturate the color by 10%, you get **117.4870, 121.2190, 33.3390**, and if you desaturate by 10%, it is **150.3030, 92.1980, 25.1420**.

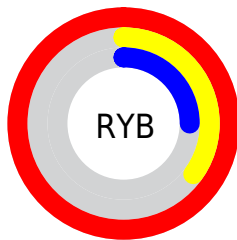
Distribution



Red (100%)

Green (34%)

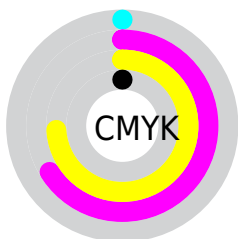
Blue (25%)



Red (100%)

Yellow (35%)

Blue (25%)

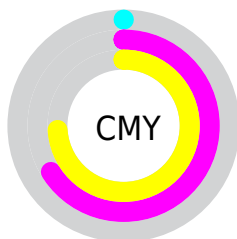


Cyan (0%)

Magenta (66%)

Yellow (74%)

Black (0%)



Cyan (0%)

Magenta (66%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.8380, 106.8690, 29.0850 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 133.8380, 106.8690, 29.0850 by changing the saturation by 10% instead.


 133.8380,
106.8690, 29.0850


 133.8380,
106.8690, 29.0850


255.0000, -0.0000,
-0.0000


 104.0380,
103.4300, 30.8380


 173.1820, 76.0610,
14.7250


 67.4820, 102.4200,
38.1320


 193.1690, 59.7400,
7.6440


 47.2420, 94.1680,
33.4960


 213.2700, 43.0980,
0.8740

 37.6740, 75.0960,
26.7120

 233.3710, 26.4560,
-5.8960

 28.4050, 56.6200,
20.1400

 251.3520, 10.2720,
-9.9520

 20.3750, 38.9690,
15.1370

 254.5440, 1.2840,

 9.9810, 19.3470,

-1.2440

7.3070

■ 0.0000, 0.0000,
0.0000

■ 133.8380,
106.8690, 29.0850

■ 133.8380,
106.8690, 29.0850

■ 117.4870,
121.2190, 33.3390

■ 150.3030, 92.1980,
25.1420

■ 101.6090,
135.6150, 36.7590

■ 166.0670, 78.1230,
21.4110

■ 92.3820, 143.6840,
39.2040

■ 182.4180, 63.7730,
17.1570

■ 198.2960, 49.3770,
13.7370

■ 214.6470, 35.0270,
9.4830

231.1120, 20.3560,
5.5400

246.8760, 6.2810,
1.8090

254.7010, -0.5960,
-0.2120

Harmonies

Analogous

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



127.1000, 92.8330, 63.2090



133.8380, 106.8690, 29.0850



135.6110, 95.4610, -17.4910

Triad

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



133.8380, 106.8690, 29.0850



110.8820, -75.2270, -62.8990



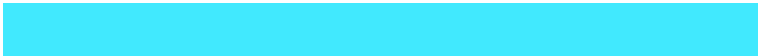
115.9460, -122.5550, 1.9010

Complementary

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



133.8380, 106.8690, 29.0850



185.1620, -106.8690, -29.0850

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.



126.5120, -127.5050, -7.5130



133.8380, 106.8690, 29.0850



120.8510, -99.1640, -42.0760

Square

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



133.8380, 106.8690, 29.0850



121.0960, 5.8350, -67.2290



127.9020, -120.3960, -20.7160



147.3720, -16.5610, 52.3590

Rectangle

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



133.8380, 106.8690, 29.0850



135.4130, 69.0550, -34.5370



127.9020, -120.3960, -20.7160



120.6420, -124.7550, -2.2830

Sweetspot

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



133.8380, 106.8690, 29.0850



219.2660, 31.7260, 8.7340



140.8910, 58.0740, 92.9380



106.5140, 19.1640, 5.1160



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.



133.8380, 106.8690, 29.0850



110.5480, 128.4170, 35.0490



188.4290, 81.2940, -19.5540



119.4740, 7.4730, 2.2330



69.4360, 108.0610, 29.5090



23.2450, 36.2190, 9.9070

Inverse Universe

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



185.1620, -106.8690, -29.0850



172.4520, -128.4170, -35.0490



131.1580, -81.5690, 19.0310



122.9390, -7.1980, -1.7100



121.5640, -108.0610, -29.5090



40.7550, -36.2190, -9.9070

Previews

White Background



This preview shows how the YIQ color 133.8380, 106.8690, 29.0850 looks on a white background.

Color Contrast Check

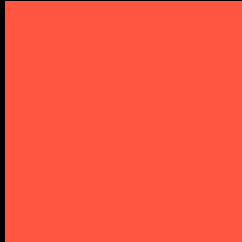
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.8380, 106.8690, 29.0850 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 133.8380, 106.8690, 29.0850

Background



This preview shows how black text looks on a background with the YIQ color 133.8380, 106.8690, 29.0850.



This preview shows how white text looks on a background with the YIQ color 133.8380, 106.8690,

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

133.8380, 106.8690, 29.0850

Protanopia

142.2320, 27.9250, -16.0030

Deuteranopia

141.2810, 52.5920, -17.0080



Tritanopia

134.8840, 101.2280, 37.7080

Trichromacy



Original Color

133.8380, 106.8690, 29.0850

Protanomaly

139.5720, 56.8070, 0.2230

Deuteranomaly

138.6570, 72.6250, -0.1030

Tritanomaly

134.5590, 103.5210, 34.6970

Monochromacy



Original Color

133.8380, 106.8690, 29.0850

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

134.3270, 38.9240, 10.4440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.8380, 106.8690, 29.0850 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(254, 86, 65)` looks like.

```
.text, #text, p{  
    color:rgb(254, 86, 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(254, 86, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 86, 65) }
```

Border

The CSS property to change the border of an element to YIQ 133.8380, 106.8690, 29.0850 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(254, 86, 65) }
```


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

```
.border{ border-color:rgb(254, 86, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 86, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 86, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 86, 65);  
box-shadow:4px 4px 4px 4px rgb(254, 86,  
65) }
```

Background

The CSS property to change the background color of an element to YIQ 133.8380, 106.8690, 29.0850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 86, 65) }
```

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

```
.background{ background-color: rgb(254, 86,  
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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