

Converting Colors

YIQ(135.5440, 115.9040,
14.0160)

Have a look what the booklet for
YIQ(135.5440, 115.9040, 14.0160)
contains.

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Color

**YIQ(135.5440, 115.9040,
14.0160)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FF5F1F |
| RGB | 255, 95, 31 |
| RGB Percent | 100%, 37%, 12% |
| CMY | 0.0000, 0.6277, 0.8779 |
| CMYK | 0.00, 0.63, 0.88, 0.00 |
| HSL | 17°, 100%, 56% |
| HSV | 17°, 88%, 100% |
| XYZ | 45.5752, 29.5319, 4.6035 |
| YIQ | 135.5440, 115.9040, 14.0160 |

Conversions

Conversions Part 2

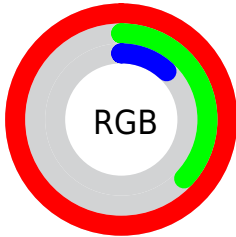
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 255, 121, 31 |
| Decimal | 16736031 |
| CIE Lab | 61.25, 58.38, 63.51 |
| CIE LCh | 61, 86.271, 47.409 |
| Yxy | 29.5319, 0.5718, 0.3705 |
| Android (android.graphics.Color) | 4294926111 (0xFFFF5F1F) |
| YUV | 135.5440, -51.5402, 104.7629 |
| Hunter-Lab | 54.3433, 54.5990, 33.0178 |

Details

The YIQ color **135.5440, 115.9040, 14.0160** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **150.4560, -115.9040, -14.0160**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **174.4580, 83.4910, 1.2110**, and **77.3550, 103.6150, 21.9750** is the 20% darker color. If you saturate the color by 10%, you get **122.1280, 128.8790, 15.6550**, and if you desaturate by 10%, it is **149.0740, 102.6080, 12.6880**.

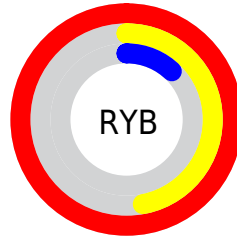
Distribution



Red (100%)

Green (37%)

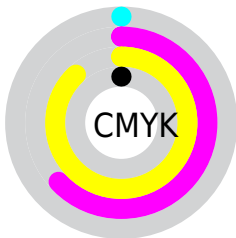
Blue (12%)



Red (100%)

Yellow (47%)

Blue (12%)

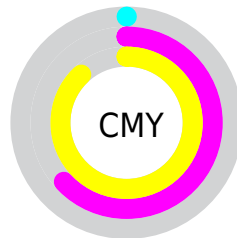


Cyan (0%)

Magenta (63%)

Yellow (88%)

Black (0%)



Cyan (0%)

Magenta (63%)

Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 135.5440, 115.9040, 14.0160 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 135.5440, 115.9040, 14.0160 by changing the saturation by 10% instead.


 135.5440,
115.9040, 14.0160


 135.5440,
115.9040, 14.0160


255.0000, -0.0000,
-0.0000


 105.1200,
114.1620, 12.5460


 174.4580, 83.4910,
1.2110


 76.7680, 103.8900,
22.4980


 193.8580, 67.4450,
-5.3470


 46.9430, 93.5720,
33.2840


 213.9590, 50.8030,
-12.1170

 37.6740, 75.0960,
26.7120

 234.0600, 34.1610,
-18.8870

 28.4050, 56.6200,
20.1400

 247.8180, 20.2230,
-19.5930

 20.2610, 39.2900,
14.8260

 251.0100, 11.2350,

 10.2800, 19.9430,

-10.8850

7.5190

254.3160, 1.9260,
-1.8660

0.0000, 0.0000,
0.0000

135.5440,
115.9040, 14.0160

135.5440,
115.9040, 14.0160

122.1280,
128.8790, 15.6550

149.0740,
102.6080, 12.6880

119.0960,
131.9050, 15.8810

162.4900, 89.6330,
11.0490

176.6070, 76.0620,
9.1980

190.0230, 63.0870,
7.5590

203.5530, 49.7910,
6.2310

216.9690, 36.8160,
4.5920

231.0860, 23.2450,
2.7410

244.5020, 10.2700,
1.1020

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



118.3800, 103.6080, 60.6640



135.5440, 115.9040, 14.0160



139.3660, 85.6050, -26.0990

Triad

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



135.5440, 115.9040, 14.0160



117.8410, -85.1770, -58.7850



116.9090, -111.9650, 8.2190

Complementary

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



135.5440, 115.9040, 14.0160



150.4560, -115.9040, -14.0160

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



135.5440, 115.9040, 14.0160



128.1350, -111.4070, -34.9510

Square

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



135.5440, 115.9040, 14.0160



103.4720, -54.3620, -83.1140



133.5560, -130.8050, -13.7890



150.1850, 12.3670, 67.7510

Rectangle

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



135.5440, 115.9040, 14.0160



137.0750, 55.0270, -44.6290



133.5560, -130.8050, -13.7890



118.2940, -123.6550, -0.1910

Sweetspot

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



135.5440, 115.9040, 14.0160



219.8870, 34.1110, 4.0550



116.3300, 81.8230, 97.5590



106.4170, 20.8150, 2.7270



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.



135.5440, 115.9040, 14.0160



119.0960, 131.9050, 15.8810



200.7010, 85.3790, -44.0370



120.6480, 6.9230, 1.1870



89.3940, 98.7110, 11.7270



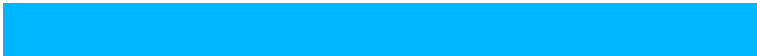
29.7020, 33.1940, 4.1540

Inverse Universe

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



150.4560, -115.9040, -14.0160



135.9040, -131.9050, -15.8810



85.2990, -85.3790, 44.0370



121.7650, -6.6480, -0.6640



102.1930, -98.9860, -12.2500



34.2980, -33.1940, -4.1540

Previews

White Background



This preview shows how the YIQ color 135.5440, 115.9040, 14.0160 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 135.5440, 115.9040, 14.0160 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 135.5440, 115.9040, 14.0160

Background



This preview shows how black text looks on a background with the YIQ color 135.5440, 115.9040, 14.0160.



This preview shows how white text looks on a background with the YIQ color 135.5440, 115.9040,

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

135.5440, 115.9040, 14.0160

Protanopia

141.6400, 43.7910, -28.2170

Deuteranopia

138.6800, 72.6770, -34.0990



Tritanopia

140.6060, 96.1390, 36.3230

Trichromacy



Original Color

135.5440, 115.9040, 14.0160

Protanomaly

139.4850, 69.6930, -13.0510

Deuteranomaly

137.4300, 88.7210, -16.4870

Tritanomaly

138.4570, 103.5680, 28.3360

Monochromacy



Original Color

135.5440, 115.9040, 14.0160

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

135.7200, 41.9510, 5.1430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.5440, 115.9040, 14.0160 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(255, 95, 31)` looks like.

```
.text, #text, p{  
    color:rgb(255, 95, 31)  
}
```

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(255, 95, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 95, 31) }
```

Border

The CSS property to change the border of an element to YIQ 135.5440, 115.9040, 14.0160 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(255, 95, 31) }
```


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

```
.border{ border-color:rgb(255, 95, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 95, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 95, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 95, 31);  
box-shadow:4px 4px 4px 4px rgb(255, 95,  
31) }
```

Background

The CSS property to change the background color of an element to YIQ 135.5440, 115.9040, 14.0160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 95, 31) }
```

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

```
.background{ background-color: rgb(255, 95,  
31) }
```

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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