

Converting Colors

YIQ(134.9400, 114.8490,
16.6170)

Have a look what the booklet for
YIQ(134.9400, 114.8490, 16.6170)
contains.

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Color

**YIQ(134.9400, 114.8490,
16.6170)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5D24
RGB	255, 93, 36
RGB Percent	100%, 36%, 14%
CMY	0.0000, 0.6355, 0.8583
CMYK	0.00, 0.64, 0.86, 0.00
HSL	16°, 100%, 57%
HSV	16°, 86%, 100%
XYZ	45.4688, 29.2049, 4.9199
YIQ	134.9400, 114.8490, 16.6170

Conversions

Conversions Part 2

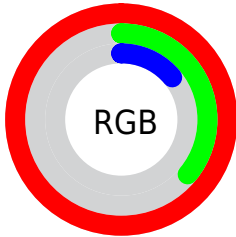
Format	Color
R_{YB}	255, 113, 36
Decimal	16735524
CIE _{Lab}	60.96, 59.31, 61.46
CIE _{LCh}	61, 85.412, 46.017
Yxy	29.2049, 0.5713, 0.3669
Android (android.graphics.Color)	4294925604 (0xFFFF5D24)
YUV	134.9400, -48.7774, 105.2926
Hunter-Lab	54.0415, 55.6113, 32.4313

Details

The YIQ color **134.9400, 114.8490, 16.6170** 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 **156.0600, -114.8490, -16.6170**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **173.7400, 82.7570, 3.5010**, and **75.0070, 104.7150, 24.0670** is the 20% darker color. If you saturate the color by 10%, you get **120.9370, 128.0990, 18.7790**, and if you desaturate by 10%, it is **149.0570, 101.2780, 14.7660**.

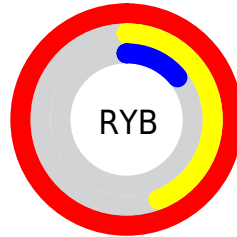
Distribution



Red (100%)

Green (36%)

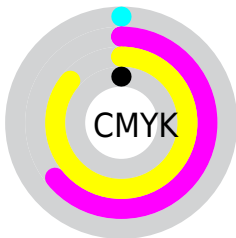
Blue (14%)



Red (100%)

Yellow (44%)

Blue (14%)

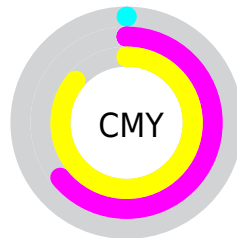


Cyan (0%)

Magenta (64%)

Yellow (86%)

Black (0%)



Cyan (0%)


Magenta (64%)


Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 134.9400, 114.8490, 16.6170 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 134.9400, 114.8490, 16.6170 by changing the saturation by 10% instead.


 134.9400,
114.8490, 16.6170


 134.9400,
114.8490, 16.6170


255.0000, -0.0000,
-0.0000

 104.4020,
113.4280, 14.8360


 173.7400, 82.7570,
3.5010


 75.0070, 104.7150,
24.0670


 193.7270, 66.4360,
-3.5800


 47.2420, 94.1680,
33.4960


 213.1270, 50.3900,
-10.1380

 37.6740, 75.0960,
26.7120

 233.8150, 33.4730,
-17.4310

 28.4050, 56.6200,
20.1400

 248.1600, 19.2600,
-18.6600

 20.3750, 38.9690,
15.1370

 251.4660, 9.9510,

 10.2800, 19.9430,

-9.6410

7.5190

254.7720, 0.6420,
-0.6220

■ 0.0000, 0.0000,
0.0000

■ 134.9400,
114.8490, 16.6170

■ 134.9400,
114.8490, 16.6170

■ 120.9370,
128.0990, 18.7790

■ 149.0570,
101.2780, 14.7660

■ 114.9870,
133.8300, 19.5420

■ 163.0600, 88.0280,
12.6040

■ 177.1770, 74.4570,
10.7530

■ 190.5930, 61.4820,
9.1140

■ 204.7100, 47.9110,
7.2630

■ 218.7130, 34.6610,
5.1010

■ 232.8300, 21.0900,
3.2500

■ 246.8330, 7.8400,
1.0880

■ 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.



118.7220, 102.6450, 61.5970



134.9400, 114.8490, 16.6170



138.7900, 87.3470, -24.6290

Triad

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



134.9400, 114.8490, 16.6170



116.2110, -83.3430, -58.9830



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.



134.9400, 114.8490, 16.6170



156.0600, -114.8490, -16.6170

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



134.9400, 114.8490, 16.6170



126.9780, -109.5270, -35.9830

Square

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



134.9400, 114.8490, 16.6170



109.8010, -36.1150, -77.8990



132.9690, -130.5300, -13.2660



149.9780, 8.5160, 65.9560

Rectangle

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



134.9400, 114.8490, 16.6170



136.4990, 56.7690, -43.1590



132.9690, -130.5300, -13.2660



118.2940, -123.6550, -0.1910

Sweetspot

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



134.9400, 114.8490, 16.6170



218.7130, 34.6610, 5.1010



120.1770, 77.8800, 97.4320



105.8300, 21.0900, 3.2500



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.



134.9400, 114.8490, 16.6170



114.9870, 133.8300, 19.5420



197.7490, 85.4240, -39.3440



120.6480, 6.9230, 1.1870



86.4590, 100.0860, 14.3420



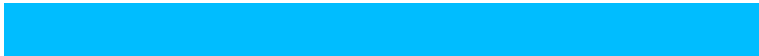
29.1150, 33.4690, 4.6770

Inverse Universe

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



156.0600, -114.8490, -16.6170



140.0130, -133.8300, -19.5420



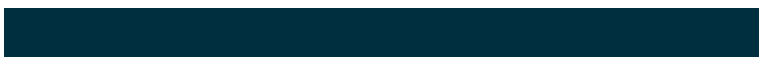
93.2510, -85.4240, 39.3440



121.7650, -6.6480, -0.6640



105.1280, -100.3610, -14.8650



34.8850, -33.4690, -4.6770

Previews

White Background



This preview shows how the YIQ color 134.9400, 114.8490, 16.6170 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 134.9400, 114.8490, 16.6170 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 134.9400, 114.8490, 16.6170

Background



This preview shows how black text looks on a background with the YIQ color 134.9400, 114.8490, 16.6170.



This preview shows how white text looks on a background with the YIQ color 134.9400, 114.8490,

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

134.9400, 114.8490, 16.6170

Protanopia

141.9110, 41.5900, -26.8740

Deuteranopia

137.7940, 72.3560, -33.7880



Tritanopia

139.2040, 97.3310, 36.7470

Trichromacy



Original Color

134.9400, 114.8490, 16.6170

Protanomaly

139.4680, 68.3630, -10.9730

Deuteranomaly

136.7720, 87.7580, -15.5540

Tritanomaly

137.3970, 103.7970, 29.6930

Monochromacy



Original Color

134.9400, 114.8490, 16.6170

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

135.2470, 41.9050, 5.9770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.9400, 114.8490, 16.6170 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, 93, 36)` looks like.

```
.text, #text, p{  
    color:rgb(255, 93, 36)  
}
```

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, 93, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 93, 36) }
```

Border

The CSS property to change the border of an element to YIQ 134.9400, 114.8490, 16.6170 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, 93, 36) }
```


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

```
.border{ border-color:rgb(255, 93, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 93, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 93, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 93, 36);  
box-shadow:4px 4px 4px 4px rgb(255, 93,  
36) }
```

Background

The CSS property to change the background color of an element to YIQ 134.9400, 114.8490, 16.6170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 93, 36) }
```

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

```
.background{ background-color: rgb(255, 93,  
36) }
```

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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