

Converting Colors

YIQ(134.1880, 111.4550,
23.0630)

Have a look what the booklet for
YIQ(134.1880, 111.4550, 23.0630)
contains.

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Color

**YIQ(134.1880, 111.4550,
23.0630)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5932
RGB	255, 89, 50
RGB Percent	100%, 35%, 20%
CMY	0.0000, 0.6512, 0.8034
CMYK	0.00, 0.65, 0.80, 0.00
HSL	11°, 100%, 60%
HSV	11°, 80%, 100%
XYZ	45.3849, 28.6245, 6.1643
YIQ	134.1880, 111.4550, 23.0630

Conversions

Conversions Part 2

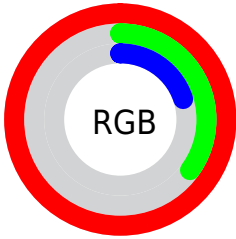
Format	Color
R_{YB}	255, 98, 50
Decimal	16734514
CIE _{Lab}	60.45, 61.29, 55.01
CIE _{LCh}	60, 82.354, 41.913
Yxy	28.6245, 0.5661, 0.3570
Android (android.graphics.Color)	4294924594 (0xFFFF5932)
YUV	134.1880, -41.5047, 105.9521
Hunter-Lab	53.5018, 57.7910, 30.6201

Details

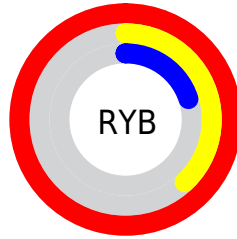
The YIQ color **134.1880, 111.4550, 23.0630** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **170.8120, -111.4550, -23.0630**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **173.3470, 79.7300, 8.8020**, and **70.3110, 106.9150, 28.2510** is the 20% darker color. If you saturate the color by 10%, you get **119.0110, 125.2550, 26.2710**, and if you desaturate by 10%, it is **149.4790, 97.3340, 20.1660**.

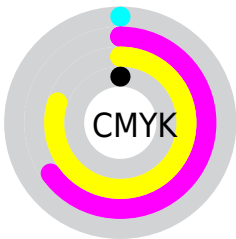
Distribution



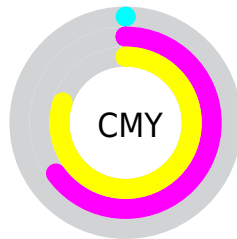
- Red (100%)
- Green (35%)
- Blue (20%)



- Red (100%)
- Yellow (38%)
- Blue (20%)



- Cyan (0%)
- Magenta (65%)
- Yellow (80%)
- Black (0%)




- Cyan (0%)
- Magenta (65%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 134.1880, 111.4550, 23.0630 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 134.1880, 111.4550, 23.0630 by changing the saturation by 10% instead.


 134.1880,
111.4550, 23.0630


 134.1880,
111.4550, 23.0630


255.0000, -0.0000,
-0.0000


 103.8610,
108.0620, 23.9820


 173.3470, 79.7300,
8.8020


 70.3110, 106.9150,
28.2510


 192.7470, 63.6840,
2.2440


 47.2420, 94.1680,
33.4960


 212.7340, 47.3630,
-4.8370

 37.6740, 75.0960,
26.7120

 233.4220, 30.4460,
-12.1300

 28.4050, 56.6200,
20.1400

 249.5280, 15.4080,
-14.9280

 20.3750, 38.9690,
15.1370

 252.8340, 6.0990,

 10.2800, 19.9430,

-5.9090

7.5190

■ 0.0000, 0.0000,
0.0000

■ 134.1880,
111.4550, 23.0630

■ 134.1880,
111.4550, 23.0630

■ 119.0110,
125.2550, 26.2710

■ 149.4790, 97.3340,
20.1660

■ 104.4210,
138.7800, 28.9560

■ 164.0690, 83.8090,
17.4810

■ 179.3600, 69.6880,
14.5840

■ 194.5370, 55.8880,
11.3760

■ 209.2410, 42.0420,
9.0020

■ 224.4180, 28.2420,
5.7940

■ 239.7090, 14.1210,
2.8970

254.2990, 0.5960,
0.2120

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.



121.6230, 98.6100, 63.1380



134.1880, 111.4550, 23.0630



137.0510, 91.1060, -21.1660

Triad

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



134.1880, 111.4550, 23.0630



113.7830, -79.2620, -61.3580



114.1850, -121.7300, 3.4700

Complementary

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



134.1880, 111.4550, 23.0630



170.8120, -111.4550, -23.0630

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



134.1880, 111.4550, 23.0630



123.7350, -104.5290, -38.4570

Square

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



134.1880, 111.4550, 23.0630



116.3110, -11.1280, -73.6880



130.9000, -126.0820, -16.7860



148.9440, -3.3120, 60.0480

Rectangle

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



134.1880, 111.4550, 23.0630



135.9560, 62.9120, -38.8480



130.9000, -126.0820, -16.7860



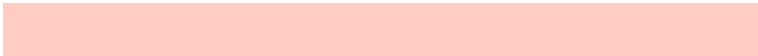
119.4680, -124.2050, -1.2370

Sweetspot

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



134.1880, 111.4550, 23.0630



218.6960, 33.3310, 7.1790



130.3330, 68.5730, 95.3970



106.1720, 20.1270, 4.1830



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.



134.1880, 111.4550, 23.0630



110.8440, 133.0950, 27.3590



193.4750, 83.6800, -29.7600



120.0610, 7.1980, 1.7100



78.2410, 103.9360, 21.6640



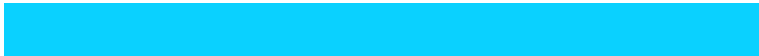
26.1800, 34.8440, 7.2920

Inverse Universe

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



170.8120, -111.4550, -23.0630



154.7430, -133.3700, -27.8820



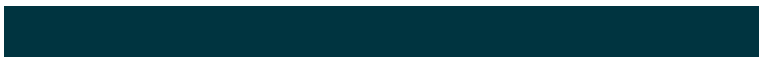
111.5250, -83.6800, 29.7600



122.3520, -6.9230, -1.1870



112.7590, -103.9360, -21.6640



37.8200, -34.8440, -7.2920

Previews

White Background



This preview shows how the YIQ color 134.1880, 111.4550, 23.0630 looks on a white background.

Color Contrast Check

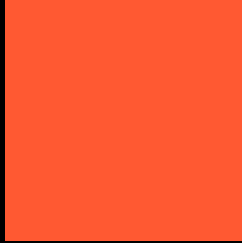
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.1880, 111.4550, 23.0630 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 134.1880, 111.4550, 23.0630

Background



This preview shows how black text looks on a background with the YIQ color 134.1880, 111.4550, 23.0630.



This preview shows how white text looks on a background with the YIQ color 134.1880, 111.4550,

23.0630.

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

134.1880, 111.4550, 23.0630

Protanopia

141.6640, 35.2160, -21.4880

Deuteranopia

140.5990, 60.2040, -22.8040



Tritanopia

136.9870, 99.4400, 37.0720

Trichromacy



Original Color

134.1880, 111.4550, 23.0630

Protanomaly

138.8190, 63.1810, -5.1630

Deuteranomaly

138.3770, 79.0450, -6.3230

Tritanomaly

135.8640, 103.9800, 31.8840

Monochromacy



Original Color

134.1880, 111.4550, 23.0630

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

134.2300, 40.5750, 8.0550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.1880, 111.4550, 23.0630 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, 89, 50)` looks like.

```
.text, #text, p{  
    color:rgb(255, 89, 50)  
}
```

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, 89, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 89, 50) }
```

Border

The CSS property to change the border of an element to YIQ 134.1880, 111.4550, 23.0630 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, 89, 50) }
```


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

```
.border{ border-color:rgb(255, 89, 50) }
```

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

Here you see how a box with a 4 pixel rgb(255, 89, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 89, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 89, 50);  
box-shadow:4px 4px 4px 4px rgb(255, 89,  
50) }
```

Background

The CSS property to change the background color of an element to YIQ 134.1880, 111.4550, 23.0630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 89, 50) }
```

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

```
.background{ background-color: rgb(255, 89,  
50) }
```

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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