

Converting Colors

YIQ(133.0910, 113.1060,
20.6740)

Have a look what the booklet for
YIQ(133.0910, 113.1060, 20.6740)
contains.

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Color

**YIQ(133.0910, 113.1060,
20.6740)**

Conversions

Conversions Part 1

Format	Color
Hex	FE592B
RGB	254, 89, 43
RGB Percent	100%, 35%, 17%
CMY	0.0036, 0.6512, 0.8309
CMYK	0.00, 0.65, 0.83, 0.00
HSL	13°, 99%, 58%
HSV	13°, 83%, 100%
XYZ	44.9119, 28.3969, 5.4114
YIQ	133.0910, 113.1060, 20.6740

Conversions

Conversions Part 2

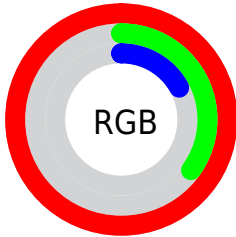
Format	Color
R_{YB}	254, 102, 43
Decimal	16668971
CIE _{Lab}	60.25, 60.80, 57.93
CIE _{LCh}	60, 83.975, 43.614
Yxy	28.3969, 0.5705, 0.3607
Android (android.graphics.Color)	4294859051 (0xFFFE592B)
YUV	133.0910, -44.4149, 106.0372
Hunter-Lab	53.2887, 57.1853, 31.2812

Details

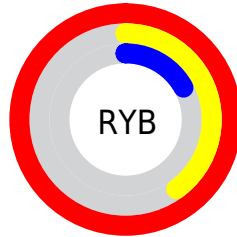
The YIQ color **133.0910, 113.1060, 20.6740** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **163.9090, -113.1060, -20.6740**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.5490, 81.9770, 6.6250**, and **70.5990, 106.0440, 27.5160** is the 20% darker color. If you saturate the color by 10%, you get **118.5010, 126.6310, 23.3590**, and if you desaturate by 10%, it is **147.7950, 99.2600, 18.3000**.

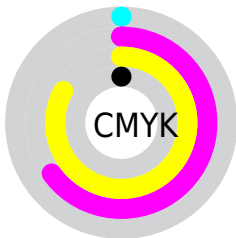
Distribution



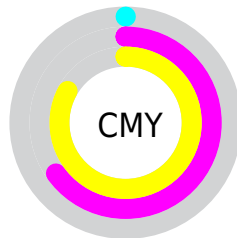
- Red (100%)
- Green (35%)
- Blue (17%)



- Red (100%)
- Yellow (40%)
- Blue (17%)



- Cyan (0%)
- Magenta (65%)
- Yellow (83%)
- Black (0%)





- Cyan (0%)
- Magenta (65%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 133.0910, 113.1060, 20.6740 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 133.0910, 113.1060, 20.6740 by changing the saturation by 10% instead.


 133.0910,
113.1060, 20.6740


 133.0910,
113.1060, 20.6740


255.0000, -0.0000,
-0.0000


 102.5360,
110.3550, 20.9710


 172.5490, 81.9770,
6.6250


 70.0120, 106.3190,
28.0390


 191.9490, 65.9310,
0.0670


 46.9430, 93.5720,
33.2840


 212.0500, 49.2890,
-6.7030

 37.3750, 74.5000,
26.5000

 232.1510, 32.6470,
-13.4730

 28.1060, 56.0240,
19.9280

 248.8440, 17.3340,
-16.7940

 20.0760, 38.3730,
14.9250

 252.0360, 8.3460,

 9.9810, 19.3470,

-8.0860

7.3070

■ 0.0000, 0.0000,
0.0000

■ 133.0910,
113.1060, 20.6740

■ 133.0910,
113.1060, 20.6740

■ 118.5010,
126.6310, 23.3590

■ 147.7950, 99.2600,
18.3000

■ 108.2310,
136.2590, 25.0830

■ 162.3850, 85.7350,
15.6150

■ 176.9750, 72.2100,
12.9300

■ 191.6790, 58.3640,
10.5560

■ 205.6820, 45.1140,
8.3940

220.3860, 31.2680,
6.0200

234.9760, 17.7430,
3.3350

249.5660, 4.2180,
0.6500

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.



118.7050, 101.3150, 63.6750



133.0910, 113.1060, 20.6740



136.7410, 89.0430, -22.3250

Triad

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



133.0910, 113.1060, 20.6740



114.1250, -80.2250, -60.4250



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.



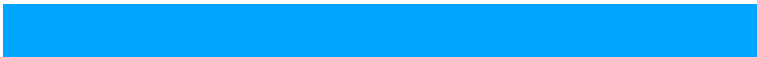
133.0910, 113.1060, 20.6740



163.9090, -113.1060, -20.6740

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.



125.9250, -127.2300, -6.9900



133.0910, 113.1060, 20.6740



124.1910, -105.8130, -37.2130

Square

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



133.0910, 113.1060, 20.6740



112.5380, -19.1970, -76.1330



130.8830, -127.4120, -14.7080



147.9770, 1.0890, 62.8890

Rectangle

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



133.0910, 113.1060, 20.6740



135.3470, 60.2530, -40.2190



130.8830, -127.4120, -14.7080



118.2940, -123.6550, -0.1910

Sweetspot

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



133.0910, 113.1060, 20.6740



218.3540, 34.2940, 6.2460



124.8990, 72.7910, 96.0470



105.9440, 20.7690, 3.5610



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.



133.0910, 113.1060, 20.6740



108.5300, 136.8550, 25.2950



194.7260, 84.2310, -34.2410



120.6480, 6.9230, 1.1870



81.7630, 102.2860, 18.5260



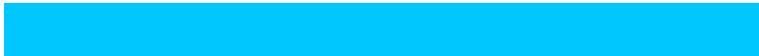
27.3540, 34.2940, 6.2460

Inverse Universe

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



163.9090, -113.1060, -20.6740



146.4700, -136.8550, -25.2950



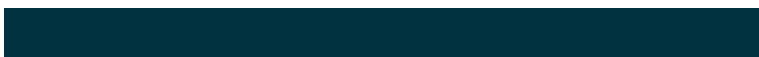
102.2740, -84.2310, 34.2410



122.3520, -6.9230, -1.1870



109.8240, -102.5610, -19.0490



36.6460, -34.2940, -6.2460

Previews

White Background



This preview shows how the YIQ color 133.0910, 113.1060, 20.6740 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 133.0910, 113.1060, 20.6740 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 133.0910, 113.1060, 20.6740

Background



This preview shows how black text looks on a background with the YIQ color 133.0910, 113.1060, 20.6740.



This preview shows how white text looks on a background with the YIQ color 133.0910, 113.1060,

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

133.0910, 113.1060, 20.6740

Protanopia

140.7520, 37.7840, -23.9760

Deuteranopia

138.7580, 64.0100, -25.7020



Tritanopia

136.2860, 100.0360, 37.2840

Trichromacy



Original Color

133.0910, 113.1060, 20.6740

Protanomaly

137.7220, 64.8320, -7.5520

Deuteranomaly

136.4650, 81.6130, -8.8110

Tritanomaly

134.9350, 105.2180, 31.4740

Monochromacy



Original Color

133.0910, 113.1060, 20.6740

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.0020, 41.2170, 7.4330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.0910, 113.1060, 20.6740 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, 89, 43)` looks like.

```
.text, #text, p{  
    color:rgb(254, 89, 43)  
}
```

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, 89, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 89, 43) }
```

Border

The CSS property to change the border of an element to YIQ 133.0910, 113.1060, 20.6740 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, 89, 43) }
```


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

```
.border{ border-color:rgb(254, 89, 43) }
```

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

Here you see how a box with a 4 pixel rgb(254, 89, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 89, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 89, 43);  
box-shadow:4px 4px 4px 4px rgb(254, 89,  
43) }
```

Background

The CSS property to change the background color of an element to YIQ 133.0910, 113.1060, 20.6740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 89, 43) }
```

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

```
.background{ background-color: rgb(254, 89,  
43) }
```

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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