

Converting Colors

YIQ(132.4700, 110.7210,
25.3530)

Have a look what the booklet for
YIQ(132.4700, 110.7210, 25.3530)
contains.

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Color

**YIQ(132.4700, 110.7210,
25.3530)**

Conversions

Conversions Part 1

Format	Color
Hex	FE5635
RGB	254, 86, 53
RGB Percent	100%, 34%, 21%
CMY	0.0035, 0.6630, 0.7917
CMYK	0.00, 0.66, 0.79, 0.00
HSL	10°, 99%, 60%
HSV	10°, 79%, 100%
XYZ	44.8759, 27.9915, 6.4202
YIQ	132.4700, 110.7210, 25.3530

Conversions

Conversions Part 2

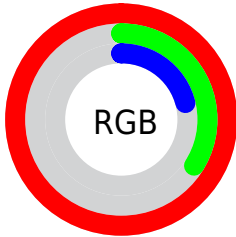
Format	Color
R_{YB}	254, 92, 53
Decimal	16668213
CIE _{Lab}	59.88, 62.27, 52.99
CIE _{LCh}	60, 81.759, 40.396
Yxy	27.9915, 0.5660, 0.3530
Android (android.graphics.Color)	4294858293 (0xFFFE5635)
YUV	132.4700, -39.1787, 106.5818
Hunter-Lab	52.9070, 58.8172, 29.8402

Details

The YIQ color **132.4700, 110.7210, 25.3530** 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 **174.5300, -110.7210, -25.3530**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.8140, 79.9130, 10.9930**, and **66.1310, 107.6020, 32.3220** is the 20% darker color. If you saturate the color by 10%, you get **117.2930, 124.5210, 28.5610**, and if you desaturate by 10%, it is **147.7610, 96.6000, 22.4560**.

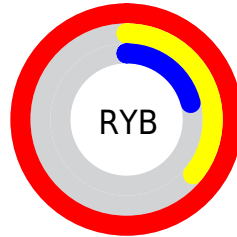
Distribution



Red (100%)

Green (34%)

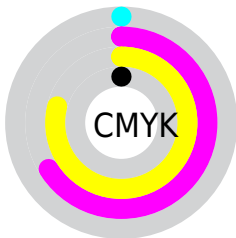
Blue (21%)



Red (100%)

Yellow (36%)

Blue (21%)

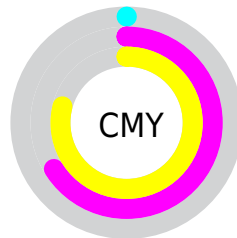


Cyan (0%)

Magenta (66%)

Yellow (79%)

Black (0%)



Cyan (0%)


Magenta (66%)


Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 132.4700, 110.7210, 25.3530 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 132.4700, 110.7210, 25.3530 by changing the saturation by 10% instead.


 132.4700,
110.7210, 25.3530


 132.4700,
110.7210, 25.3530


255.0000, -0.0000,
-0.0000


 102.2570,
107.0070, 26.5830


 171.8140, 79.9130,
10.9930


 65.5440, 107.8770,
32.8450


 191.8010, 63.5920,
3.9120


 46.9430, 93.5720,
33.2840


 211.9020, 46.9500,
-2.8580

 37.3750, 74.5000,
26.5000

 232.0030, 30.3080,
-9.6280

 28.1060, 56.0240,
19.9280

 249.8700, 14.4450,
-13.9950

 20.0760, 38.3730,
14.9250

 253.1760, 5.1360,

 9.6820, 18.7510,

-4.9760

7.0950

■ 0.0000, 0.0000,
0.0000

■ 132.4700,
110.7210, 25.3530

■ 132.4700,
110.7210, 25.3530

■ 117.2930,
124.5210, 28.5610

■ 147.7610, 96.6000,
22.4560

■ 101.4150,
138.9170, 31.9810

■ 162.9380, 82.8000,
19.2480

■ 100.0130,
140.1090, 32.4050

■ 178.7020, 68.7250,
15.5170

■ 193.9930, 54.6040,
12.6200

■ 209.1700, 40.8040,
9.4120

■ 225.0480, 26.4080,
5.9920

■ 240.2250, 12.6080,
2.7840

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.



121.3780, 97.9220, 64.5940



132.4700, 110.7210, 25.3530



135.5890, 92.5270, -19.3850

Triad

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



132.4700, 110.7210, 25.3530



112.1530, -77.4280, -61.5560



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.



132.4700, 110.7210, 25.3530



174.5300, -110.7210, -25.3530

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



132.4700, 110.7210, 25.3530



122.4640, -102.3280, -39.8000

Square

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



132.4700, 110.7210, 25.3530



116.5890, -6.0390, -72.3030



129.1560, -123.9270, -17.2950



147.4380, -7.7590, 58.0410

Rectangle

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



132.4700, 110.7210, 25.3530



135.0810, 64.0580, -37.5900



129.1560, -123.9270, -17.2950



118.8810, -123.9300, -0.7140

Sweetspot

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



132.4700, 110.7210, 25.3530



218.1090, 33.6060, 7.7020



132.5930, 64.9050, 95.7930



105.5850, 20.4020, 4.7060



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.



132.4700, 110.7210, 25.3530



108.2510, 133.5070, 30.9070



189.9960, 83.7710, -25.9010



120.0610, 7.1980, 1.7100



75.3060, 105.3110, 24.2790



25.0060, 35.3940, 8.3380

Inverse Universe

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



174.5300, -110.7210, -25.3530



159.1620, -133.2320, -30.3840



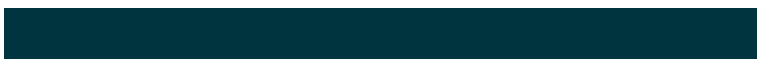
117.0040, -83.7710, 25.9010



122.3520, -6.9230, -1.1870



115.6940, -105.3110, -24.2790



38.4070, -35.1190, -7.8150

Previews

White Background



This preview shows how the YIQ color 132.4700, 110.7210, 25.3530 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 132.4700, 110.7210, 25.3530 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 132.4700, 110.7210, 25.3530

Background



This preview shows how black text looks on a background with the YIQ color 132.4700, 110.7210, 25.3530.



This preview shows how white text looks on a background with the YIQ color 132.4700, 110.7210,

25.3530.

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

132.4700, 110.7210, 25.3530

Protanopia

140.9350, 33.0150, -20.1450

Deuteranopia

139.2830, 58.2780, -20.9380



Tritanopia

134.1830, 101.8240, 37.9200

Trichromacy



Original Color

132.4700, 110.7210, 25.3530

Protanomaly

138.0900, 60.9800, -3.8200

Deuteranomaly

136.4740, 77.3940, -3.9340

Tritanomaly

133.4020, 105.4010, 33.6650

Monochromacy



Original Color

132.4700, 110.7210, 25.3530

Achromatopsia

132.0000, -0.0000, -0.0000

Achromatomaly

131.8710, 40.2080, 9.2000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.4700, 110.7210, 25.3530 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, 53)` looks like.

```
.text, #text, p{  
    color:rgb(254, 86, 53)  
}
```

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, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 86, 53) }
```

Border

The CSS property to change the border of an element to YIQ 132.4700, 110.7210, 25.3530 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, 53) }
```


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

```
.border{ border-color:rgb(254, 86, 53) }
```

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, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 86, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 86, 53);  
box-shadow:4px 4px 4px 4px rgb(254, 86,  
53) }
```

Background

The CSS property to change the background color of an element to YIQ 132.4700, 110.7210, 25.3530 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, 53) }
```

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

```
.background{ background-color: rgb(254, 86,  
53) }
```

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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