

Converting Colors

YIQ(132.5200, 115.3110,
-2.7770)

Have a look what the booklet for
YIQ(132.5200, 115.3110, -2.7770)
contains.

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Color

**YIQ(132.5200, 115.3110,
-2.7770)**

Conversions

Conversions Part 1

Format	Color
Hex	F16700
RGB	241, 103, 0
RGB Percent	95%, 40%, 0%
CMY	0.0546, 0.5963, 0.9994
CMYK	0.00, 0.57, 1.00, 0.05
HSL	26°, 100%, 47%
HSV	26°, 100%, 95%
XYZ	41.1438, 28.4018, 3.3175
YIQ	132.5200, 115.3110, -2.7770

Conversions

Conversions Part 2

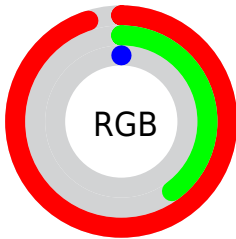
Format	Color
R_{YB}	241, 180, 0
Decimal	15820544
CIE _{Lab}	60.25, 49.57, 69.00
CIE _{LCh}	60, 84.958, 54.307
Yxy	28.4018, 0.5647, 0.3898
Android (android.graphics.Color)	4294010624 (0xFFFF16700)
YUV	132.5200, -65.3324, 95.1370
Hunter-Lab	53.2934, 44.5431, 33.6146

Details

The YIQ color **132.5200, 115.3110, -2.7770** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **108.4800, -115.3110, 2.7770**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.0420, 87.2980, -7.2140**, and **81.6860, 92.0170, 11.8970** is the 20% darker color. If you saturate the color by 10%, you get **132.5200, 115.3110, -2.7770**, and if you desaturate by 10%, it is **143.4740, 103.7570, -2.6350**.

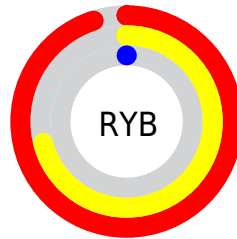
Distribution



Red (95%)

Green (40%)

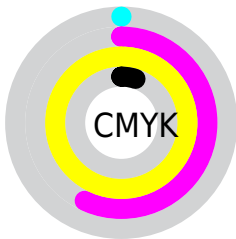
Blue (0%)



Red (95%)

Yellow (71%)

Blue (0%)

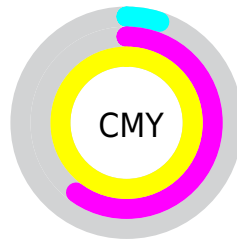


Cyan (0%)

Magenta (57%)

Yellow (100%)

Black (5%)



Cyan (5%)


Magenta (60%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 132.5200, 115.3110, -2.7770 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 132.5200, 115.3110, -2.7770 by changing the saturation by 10% instead.


 132.5200,
115.3110, -2.7770

 132.5200,
115.3110, -2.7770


255.0000, -0.0000,
-0.0000


 107.1030,
103.6640, 4.5600


 176.1560, 86.9770,
-6.9030

 81.6860, 92.0170,
11.8970


 195.5560, 70.9310,
-13.4610


 52.7470, 82.0200,
22.3720

 215.6570, 54.2890,
-20.2310

 34.0860, 67.9440,
24.1680

 235.8720, 37.3260,
-26.6900

 25.1160, 50.0640,
17.8080

 245.9940, 25.3590,
-24.5690


 17.5700, 33.9260,
12.9180


 249.3000, 16.0500,


 5.3820, 10.7280,


-15.5500


3.8160

 252.6060, 6.7410,
-6.5310


 0.0000, 0.0000,
0.0000


 132.5200,
115.3110, -2.7770

 143.4740,
103.7570, -2.6350

 154.4280, 92.2030,
-2.4930

 164.7950, 80.9240,
-1.8280

 175.8630, 69.0490,
-1.3750

 186.8170, 57.4950,
-1.2330

■ 197.7710, 45.9410,
-1.0910

■ 208.7250, 34.3870,
-0.9490

■ 219.6790, 22.8330,
-0.8070

■ 230.0460, 11.5540,
-0.1420

Harmonies

Analogous

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



121.6110, 106.9110, 50.3590



132.5200, 115.3110, -2.7770



136.6310, 74.3730, -31.7950

Triad

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



132.5200, 115.3110, -2.7770



117.9040, -89.4880, -52.2400



136.7530, -57.9590, 31.6810

Complementary

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



132.5200, 115.3110, -2.7770



108.4800, -115.3110, 2.7770

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.



122.4030, -125.5800, -3.8520



132.5200, 115.3110, -2.7770



127.2690, -114.4800, -28.8160

Square

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



132.5200, 115.3110, -2.7770



105.7350, -62.1120, -74.8160



130.6210, -129.4300, -11.1740



144.9870, 30.6600, 72.1320

Rectangle

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



132.5200, 115.3110, -2.7770



132.5680, 43.1530, -49.7030



130.6210, -129.4300, -11.1740



113.0110, -121.1800, 4.5160

Sweetspot

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



132.5200, 115.3110, -2.7770



220.5080, 36.4960, -0.6240



88.1330, 98.3750, 94.9430



106.9070, 22.1910, -0.1850



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.



132.5200, 115.3110, -2.7770



140.2280, 122.0050, -2.9470



201.7860, 82.8610, -64.4910



114.5230, 5.7770, -0.0710



100.8020, 88.2140, -1.7860



30.8320, 26.7760, -0.6800

Inverse Universe

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



108.4800, -115.3110, 2.7770



114.7720, -122.0050, 2.9470



39.2140, -82.8610, 64.4910



113.4770, -5.7770, 0.0710



82.6110, -87.9390, 2.3090



25.1680, -26.7760, 0.6800

Previews

White Background



This preview shows how the YIQ color 132.5200, 115.3110, -2.7770 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 132.5200, 115.3110, -2.7770 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 132.5200, 115.3110, -2.7770

Background



This preview shows how black text looks on a background with the YIQ color 132.5200, 115.3110, -2.7770.



This preview shows how white text looks on a background with the YIQ color 132.5200, 115.3110,

-2.7770.

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

132.5200, 115.3110, -2.7770

Protanopia

137.3600, 50.2110, -34.4370

Deuteranopia

136.0220, 71.7140, -33.1660



Tritanopia

140.9360, 86.2820, 33.2420

Trichromacy



Original Color

132.5200, 115.3110, -2.7770

Protanomaly

135.4280, 73.8670, -22.6210

Deuteranomaly

134.6700, 87.8050, -21.9150

Tritanomaly

138.1800, 96.7380, 19.9540

Monochromacy



Original Color

132.5200, 115.3110, -2.7770

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.7320, 41.6770, -0.9070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.5200, 115.3110, -2.7770 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(241, 103, 0)` looks like.

```
.text, #text, p{  
    color:rgb(241, 103, 0)  
}
```

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(241, 103, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 103, 0) }
```

Border

The CSS property to change the border of an element to YIQ 132.5200, 115.3110, -2.7770 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(241, 103, 0) }
```


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

```
.border{ border-color:rgb(241, 103, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 103, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 103, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 103, 0);  
box-shadow:4px 4px 4px 4px rgb(241, 103,  
0) }
```

Background

The CSS property to change the background color of an element to YIQ 132.5200, 115.3110, -2.7770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 103, 0) }
```

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

```
.background{ background-color: rgb(241,  
103, 0) }
```

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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