

Converting Colors

YIQ(142.9980, 116.9610, 0.3610)

Have a look what the booklet for
YIQ(142.9980, 116.9610, 0.3610)
contains.

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Color

**YIQ(142.9980, 116.9610,
0.3610)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6F0E
RGB	255, 111, 14
RGB Percent	100%, 44%, 5%
CMY	0.0000, 0.5649, 0.9445
CMYK	0.00, 0.56, 0.94, 0.00
HSL	24°, 100%, 53%
HSV	24°, 94%, 100%
XYZ	46.9980, 32.6477, 4.2449
YIQ	142.9980, 116.9610, 0.3610

Conversions

Conversions Part 2

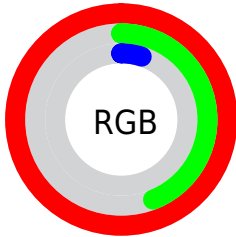
Format	Color
R _Y B	255, 176, 14
Decimal	16740110
CIE Lab	63.87, 51.09, 69.90
CIE LCh	64, 86.582, 53.834
Yxy	32.6477, 0.5602, 0.3892
Android (android.graphics.Color)	4294930190 (0xFFFF6F0E)
YUV	142.9980, -63.5960, 98.2258
Hunter-Lab	57.1382, 46.8303, 35.5919

Details

The YIQ color **142.9980, 116.9610, 0.3610** 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 **126.0020, -116.9610, -0.3610**, and the grayscale version is **144.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **182.2370, 82.2550, -9.4330**, and **90.2690, 97.5650, 10.4690** is the 20% darker color. If you saturate the color by 10%, you get **136.1190, 123.9300, 0.7140**, and if you desaturate by 10%, it is **154.7670, 104.4900, 0.6020**.

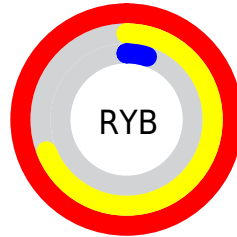
Distribution



Red (100%)

Green (44%)

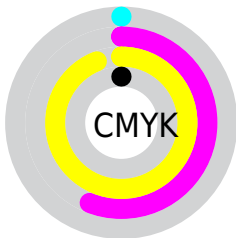
Blue (5%)



Red (100%)

Yellow (69%)

Blue (5%)

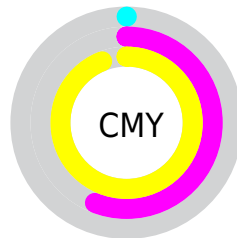


Cyan (0%)

Magenta (56%)

Yellow (94%)

Black (0%)



Cyan (0%)


Magenta (56%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 142.9980, 116.9610, 0.3610 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 142.9980, 116.9610, 0.3610 by changing the saturation by 10% instead.


 142.9980,
116.9610, 0.3610


 142.9980,
116.9610, 0.3610


255.0000, -0.0000,
-0.0000


 115.6860,
109.2120, 3.1320


 182.2370, 82.2550,
-9.4330


 90.2690, 97.5650,
10.4690


 201.7510, 65.8880,
-15.6800


 62.5040, 87.0180,
19.8980


 221.8520, 49.2460,
-22.4500

 37.9730, 75.6920,
26.9240

 242.0670, 32.2830,
-28.9090

 28.7040, 57.2160,
20.3520

 247.0200, 22.4700,
-21.7700

 20.1470, 39.6110,
14.5150

 250.2120, 13.4820,

 11.4760, 22.3270,

-13.0620

8.3670

253.5180, 4.1730,
-4.0430

0.0000, 0.0000,
0.0000

142.9980,
116.9610, 0.3610

142.9980,
116.9610, 0.3610

136.1190,
123.9300, 0.7140

154.7670,
104.4900, 0.6020

166.4220, 92.3400,
0.5320

178.7780, 79.5940,
0.2500

190.4330, 67.4440,
0.1800

202.2020, 54.9730,
0.4210

213.8570, 42.8230,
0.3510

226.2130, 30.0770,
0.0690

237.8680, 17.9270,
-0.0010

249.6370, 5.4560,
0.2400

Harmonies

Analogous

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



127.9200, 101.5470, 48.4510



142.9980, 116.9610, 0.3610



145.5020, 79.0500, -33.9580

Triad

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



142.9980, 116.9610, 0.3610



125.2730, -95.0810, -55.5050



144.1290, -56.2620, 28.4580

Complementary

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



142.9980, 116.9610, 0.3610



126.0020, -116.9610, -0.3610

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.



128.2730, -128.3300, -9.0820



142.9980, 116.9610, 0.3610



134.8660, -120.7150, -31.4590

Square

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



142.9980, 116.9610, 0.3610



112.2890, -66.7880, -78.1800



137.0780, -132.4550, -16.9270



155.6280, 30.2930, 73.2770

Rectangle

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



142.9980, 116.9610, 0.3610



141.1400, 47.2340, -52.0780



137.0780, -132.4550, -16.9270



118.2940, -123.6550, -0.1910

Sweetspot

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



142.9980, 116.9610, 0.3610



221.6650, 34.6160, 0.4080



102.5890, 97.0910, 96.1870



107.7220, 21.2740, -0.0860



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.



142.9980, 116.9610, 0.3610



136.1190, 123.9300, 0.7140



213.4380, 83.9610, -62.3990



121.8220, 6.3730, 0.1410



102.3080, 92.6610, 0.2210



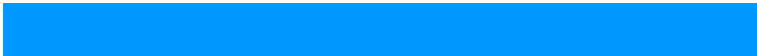
34.3980, 30.9940, -0.0300

Inverse Universe

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



126.0020, -116.9610, -0.3610



118.8810, -123.9300, -0.7140



55.5620, -83.9610, 62.3990



120.5910, -6.0980, 0.3820



88.6920, -92.6610, -0.2210



29.6020, -30.9940, 0.0300

Previews

White Background



This preview shows how the YIQ color 142.9980, 116.9610, 0.3610 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 142.9980, 116.9610, 0.3610 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 142.9980, 116.9610, 0.3610

Background



This preview shows how black text looks on a background with the YIQ color 142.9980, 116.9610, 0.3610.



This preview shows how white text looks on a background with the YIQ color 142.9980, 116.9610,

0.3610.

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

142.9980, 116.9610, 0.3610

Protanopia

147.0890, 52.4120, -35.7800

Deuteranopia

144.8930, 76.3910, -35.3290



Tritanopia

151.2350, 86.8780, 33.4540

Trichromacy



Original Color

142.9980, 116.9610, 0.3610

Protanomaly

145.7980, 75.7010, -22.8190

Deuteranomaly

144.1110, 90.8770, -22.5230

Tritanomaly

148.3050, 97.8840, 21.2120

Monochromacy



Original Color

142.9980, 116.9610, 0.3610

Achromatopsia

143.0000, -0.0000, 0.0000

Achromatomaly

142.8570, 42.8230, 0.3510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.9980, 116.9610, 0.3610 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, 111, 14)` looks like.

```
.text, #text, p{  
    color:rgb(255, 111, 14)  
}
```

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, 111, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 111, 14) }
```

Border

The CSS property to change the border of an element to YIQ 142.9980, 116.9610, 0.3610 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, 111, 14) }
```


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

```
.border{ border-color:rgb(255, 111, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 111, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 111, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 111, 14);  
box-shadow:4px 4px 4px 4px rgb(255, 111,  
14) }
```

Background

The CSS property to change the background color of an element to YIQ 142.9980, 116.9610, 0.3610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 111, 14) }
```

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

```
.background{ background-color: rgb(255,  
111, 14) }
```

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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