

Converting Colors

YIQ(147.5490, 116.3670,
-10.9050)

Have a look what the booklet for
YIQ(147.5490, 116.3670, -10.9050)
contains.

YIQ(147.5490, 116.3670, -10.9050)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(147.5490, 116.3670,
-10.9050)**

Conversions

Conversions Part 1

Format	Color
Hex	FC7B00
RGB	252, 123, 0
RGB Percent	99%, 48%, 0%
CMY	0.0115, 0.5178, 0.9994
CMYK	0.00, 0.51, 1.00, 0.01
HSL	29°, 100%, 49%
HSV	29°, 100%, 99%
XYZ	47.2431, 34.8591, 4.2426
YIQ	147.5490, 116.3670, -10.9050

Conversions

Conversions Part 2

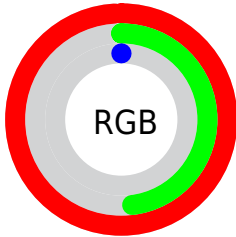
Format	Color
R_{YB}	252, 240, 0
Decimal	16546560
CIE _{Lab}	65.64, 44.18, 72.95
CIE _{LCh}	66, 85.286, 58.803
Yxy	34.8591, 0.5471, 0.4037
Android (android.graphics.Color)	4294736640 (0xFFFC7B00)
YUV	147.5490, -72.7417, 91.6035
Hunter-Lab	59.0416, 39.5070, 37.0687

Details

The YIQ color **147.5490, 116.3670, -10.9050** 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 **104.4510, -116.3670, 10.9050**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **188.3520, 80.1930, -16.1190**, and **97.8890, 92.5230, 2.7230** is the 20% darker color. If you saturate the color by 10%, you get **147.5490, 116.3670, -10.9050**, and if you desaturate by 10%, it is **158.0300, 104.7670, -9.9290**.

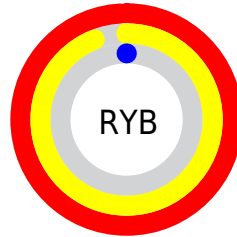
Distribution



Red (99%)

Green (48%)

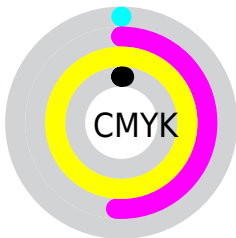
Blue (0%)



Red (99%)

Yellow (94%)

Blue (0%)

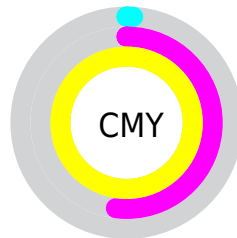


Cyan (0%)

Magenta (51%)

Yellow (100%)

Black (1%)



Cyan (1%)

Magenta (52%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.5490, 116.3670, -10.9050 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 147.5490, 116.3670, -10.9050 by changing the saturation by 10% instead.

147.5490,
116.3670, -10.9050

147.5490,
116.3670, -10.9050

255.0000, -0.0000,
-0.0000

122.7190,
104.4450, -4.0910

188.3520, 80.1930,
-16.1190

97.8890, 92.5230,
2.7230

207.8660, 63.8260,
-22.3660

72.4720, 80.8760,
10.0600

228.0810, 46.8630,
-28.8250

45.5930, 70.6500,
19.1780

243.4860, 32.4210,
-31.4110

28.4050, 56.6200,
20.1400

246.6780, 23.4330,
-22.7030


19.7340, 39.3360,
13.9920

249.9840, 14.1240,


11.7750, 22.9230,


-13.6840

8.5790


 253.2900, 4.8150,
-4.6650


 0.0000, 0.0000,
0.0000


 147.5490,
116.3670, -10.9050

 158.0300,
104.7670, -9.9290

 168.6250, 92.8460,
-8.6420

 179.1060, 81.2460,
-7.6660

 189.5870, 69.6460,
-6.6900

 200.0680, 58.0460,
-5.7140

■ 209.9620, 46.7210,
-4.2150

■ 220.5570, 34.8000,
-2.9280

■ 231.0380, 23.2000,
-1.9520

■ 241.5190, 11.6000,
-0.9760

Harmonies

Analogous

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



135.3400, 99.9440, 38.9520



147.5490, 116.3670, -10.9050



149.2900, 73.5950, -39.7250

Triad

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



147.5490, 116.3670, -10.9050



130.2600, -102.2340, -52.5220



154.3060, -34.5310, 36.6130

Complementary

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



147.5490, 116.3670, -10.9050



104.4510, -116.3670, 10.9050

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.



128.8600, -128.6050, -9.6050



147.5490, 116.3670, -10.9050



139.6250, -127.2260, -29.0980

Square

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



147.5490, 116.3670, -10.9050



118.2050, -75.1790, -74.7870



138.8390, -133.2800, -18.4960



159.0270, 42.3510, 75.0150

Rectangle

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



147.5490, 116.3670, -10.9050



143.7430, 40.8620, -57.7460



138.8390, -133.2800, -18.4960



141.0180, -78.3590, 15.9210

Sweetspot

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



147.5490, 116.3670, -10.9050



223.4430, 35.1210, -3.2390



90.1680, 108.4620, 93.8540



108.6680, 21.3660, -1.7540



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.



147.5490, 116.3670, -10.9050



149.0330, 117.8800, -10.7920



220.9240, 81.9920, -76.2800



119.9960, 5.8230, -0.9050



110.5150, 87.3440, -8.0480



35.8490, 28.1060, -2.7580

Inverse Universe

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



104.4510, -116.3670, 10.9050



105.9670, -117.8800, 10.7920



31.0760, -81.9920, 76.2800



117.5910, -6.0980, 0.3820



78.4850, -87.3440, 8.0480



25.1510, -28.1060, 2.7580

Previews

White Background



This preview shows how the YIQ color 147.5490, 116.3670, -10.9050 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 147.5490, 116.3670, -10.9050 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 147.5490, 116.3670, -10.9050 Background



This preview shows how black text looks on a background with the YIQ color 147.5490, 116.3670, -10.9050.



This preview shows how white text looks on a background with the YIQ color 147.5490, 116.3670, -10.9050.

-10.9050.

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

147.5490, 116.3670, -10.9050

Protanopia

150.2480, 56.2180, -38.6780

Deuteranopia

149.6220, 78.5920, -36.6720



Tritanopia

157.6580, 81.1930, 31.8570

Trichromacy



Original Color

147.5490, 116.3670, -10.9050

Protanomaly

149.4790, 77.8570, -28.8550

Deuteranomaly

148.5470, 92.3450, -27.1030

Tritanomaly

154.1040, 93.8960, 16.3920

Monochromacy



Original Color

147.5490, 116.3670, -10.9050

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

147.9230, 42.4570, -4.0310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.5490, 116.3670, -10.9050 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(252, 123, 0)` looks like.

```
.text, #text, p{  
    color:rgb(252, 123, 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(252, 123, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 123, 0) }
```

Border

The CSS property to change the border of an element to YIQ 147.5490, 116.3670, -10.9050 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(252, 123, 0) }
```


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

```
.border{ border-color:rgb(252, 123, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 123, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 123, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 123, 0);  
box-shadow:4px 4px 4px 4px rgb(252, 123,  
0) }
```

Background

The CSS property to change the background color of an element to YIQ 147.5490, 116.3670, -10.9050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 123, 0) }
```

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

```
.background{ background-color: rgb(252,  
123, 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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