

Converting Colors

YIQ(150.9540, 111.0930,
-3.4270)

Have a look what the booklet for
YIQ(150.9540, 111.0930, -3.4270)
contains.

YIQ(150.9540, 111.0930, -3.4270)	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(150.9540, 111.0930,
-3.4270)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7B16
RGB	255, 123, 22
RGB Percent	100%, 48%, 9%
CMY	0.0000, 0.5178, 0.9132
CMYK	0.00, 0.52, 0.91, 0.00
HSL	26°, 100%, 54%
HSV	26°, 91%, 100%
XYZ	48.4621, 35.4705, 5.0580
YIQ	150.9540, 111.0930, -3.4270

Conversions

Conversions Part 2

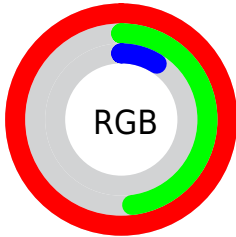
Format	Color
R _Y B	255, 200, 22
Decimal	16743190
CIE Lab	66.11, 45.51, 69.68
CIE LCh	66, 83.224, 56.850
Yxy	35.4705, 0.5446, 0.3986
Android (android.graphics.Color)	4294933270 (0xFFFF7B16)
YUV	150.9540, -63.5743, 91.2483
Hunter-Lab	59.5571, 41.0220, 36.6547

Details

The YIQ color **150.9540, 111.0930, -3.4270** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **126.0460, -111.0930, 3.4270**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **189.9650, 77.0290, -13.8430**, and **97.9000, 93.9900, 3.6700** is the 20% darker color. If you saturate the color by 10%, you get **140.8150, 121.7300, -3.4700**, and if you desaturate by 10%, it is **162.1360, 98.8970, -2.6630**.

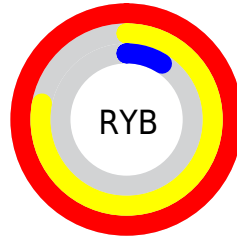
Distribution



Red (100%)

Green (48%)

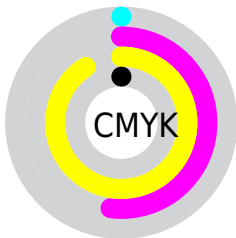
Blue (9%)



Red (100%)

Yellow (78%)

Blue (9%)

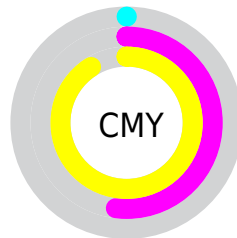


Cyan (0%)

Magenta (52%)

Yellow (91%)

Black (0%)



Cyan (0%)

Magenta (52%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 150.9540, 111.0930, -3.4270 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 150.9540, 111.0930, -3.4270 by changing the saturation by 10% instead.

150.9540,
111.0930, -3.4270

150.9540,
111.0930, -3.4270

255.0000, -0.0000,
-0.0000

123.0290,
106.5080, -2.9320

189.9650, 77.0290,
-13.8430

97.9000, 93.9900,
3.6700

209.4790, 60.6620,
-20.0900

73.3690, 82.6640,
10.6960

228.9930, 44.2950,
-26.3370

45.3160, 72.9880,
20.8600

244.5120, 29.5320,
-28.6120

29.0030, 57.8120,
20.5640

247.7040, 20.5440,
-19.9040

20.3320, 40.5280,
14.4160

251.0100, 11.2350,

12.6720, 24.7110,

-10.8850

9.2150

254.3160, 1.9260,
-1.8660

0.0000, 0.0000,
0.0000

150.9540,
111.0930, -3.4270

150.9540,
111.0930, -3.4270

140.8150,
121.7300, -3.4700

162.1360, 98.8970,
-2.6630

173.7910, 86.7470,
-2.7330

184.9730, 74.5510,
-1.9690

196.6280, 62.4010,
-2.0390

207.8100, 50.2050,
-1.2750

219.4650, 38.0550,
-1.3450

230.6470, 25.8590,
-0.5810

242.3020, 13.7090,
-0.6510

253.4840, 1.5130,
0.1130

Harmonies

Analogous

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



137.8990, 96.8720, 39.5600



150.9540, 111.0930, -3.4270



150.7850, 76.5750, -38.6650

Triad

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



150.9540, 111.0930, -3.4270



130.3910, -101.2250, -54.2890



154.5610, -39.8030, 33.0370

Complementary

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



150.9540, 111.0930, -3.4270



126.0460, -111.0930, 3.4270

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.



130.6210, -129.4300, -11.1740



150.9540, 111.0930, -3.4270



139.6420, -125.8960, -31.1760

Square

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



150.9540, 111.0930, -3.4270



118.5640, -74.8120, -75.9320



139.4260, -133.5550, -19.0190



161.5100, 36.4370, 72.0610

Rectangle

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



150.9540, 111.0930, -3.4270



145.8360, 45.0340, -56.2620



139.4260, -133.5550, -19.0190



139.1910, -86.3360, 11.8080

Sweetspot

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



150.9540, 111.0930, -3.4270



224.2410, 32.8740, -1.0620



107.1710, 95.2120, 91.6920



109.2380, 19.7610, -0.1990



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.



150.9540, 111.0930, -3.4270



140.8150, 121.7300, -3.4700



217.2850, 80.0180, -62.5260



121.8220, 6.3730, 0.1410



105.8300, 91.0110, -2.9170



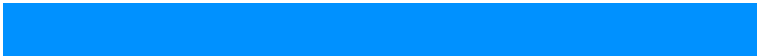
35.5720, 30.4440, -1.0760

Inverse Universe

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



126.0460, -111.0930, 3.4270



114.1850, -121.7300, 3.4700



60.3020, -80.2930, 62.0030



120.5910, -6.0980, 0.3820



85.1700, -91.0110, 2.9170



28.4280, -30.4440, 1.0760

Previews

White Background



This preview shows how the YIQ color 150.9540, 111.0930, -3.4270 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 150.9540, 111.0930, -3.4270 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 150.9540, 111.0930, -3.4270

Background



This preview shows how black text looks on a background with the YIQ color 150.9540, 111.0930, -3.4270.



This preview shows how white text looks on a background with the YIQ color 150.9540, 111.0930,

-3.4270.

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

150.9540, 111.0930, -3.4270

Protanopia

152.9750, 52.7330, -36.0910

Deuteranopia

150.8070, 79.5090, -36.7710



Tritanopia

159.0600, 80.0010, 31.4330

Trichromacy



Original Color

150.9540, 111.0930, -3.4270

Protanomaly

152.3740, 73.9590, -24.2890

Deuteranomaly

150.9430, 91.2900, -24.5020

Tritanomaly

156.0160, 91.3280, 18.8800

Monochromacy



Original Color

150.9540, 111.0930, -3.4270

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

151.1340, 40.4850, -1.3310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.9540, 111.0930, -3.4270 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, 123, 22)` looks like.

```
.text, #text, p{  
    color:rgb(255, 123, 22)  
}
```

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, 123, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 123, 22) }
```

Border

The CSS property to change the border of an element to YIQ 150.9540, 111.0930, -3.4270 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, 123, 22) }
```


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

```
.border{ border-color:rgb(255, 123, 22) }
```

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

Here you see how a box with a 4 pixel rgb(255, 123, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 123, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 123, 22);  
box-shadow:4px 4px 4px 4px rgb(255, 123,  
22) }
```

Background

The CSS property to change the background color of an element to YIQ 150.9540, 111.0930, -3.4270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 123, 22) }
```

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

```
.background{ background-color: rgb(255,  
123, 22) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor