

Converting Colors

YIQ(152.3730, 111.2310,
-5.9290)

Have a look what the booklet for
YIQ(152.3730, 111.2310, -5.9290)
contains.

YIQ(152.3730, 111.2310, -5.9290)	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(152.3730, 111.2310,
-5.9290)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7E13
RGB	255, 126, 19
RGB Percent	100%, 49%, 7%
CMY	0.0000, 0.5061, 0.9249
CMYK	0.00, 0.51, 0.92, 0.00
HSL	27°, 100%, 54%
HSV	27°, 92%, 100%
XYZ	48.8126, 36.2152, 5.0396
YIQ	152.3730, 111.2310, -5.9290

Conversions

Conversions Part 2

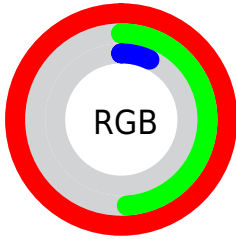
Format	Color
R_{YB}	255, 215, 19
Decimal	16743955
CIE Lab	66.68, 44.01, 70.75
CIE LCh	67, 83.321, 58.117
Yxy	36.2152, 0.5420, 0.4021
Android (android.graphics.Color)	4294934035 (0xFFFF7E13)
YUV	152.3730, -65.7529, 90.0039
Hunter-Lab	60.1791, 39.4718, 37.1602

Details

The YIQ color **152.3730, 111.2310, -5.9290** 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 **121.6270, -111.2310, 5.9290**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **191.6120, 76.5250, -15.7230**, and **100.5470, 93.4860, 1.7900** is the 20% darker color. If you saturate the color by 10%, you get **143.7500, 120.3550, -6.0850**, and if you desaturate by 10%, it is **163.5550, 99.0350, -5.1650**.

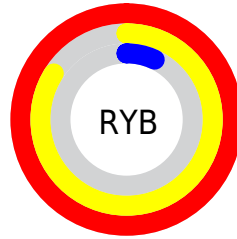
Distribution



Red (100%)

Green (49%)

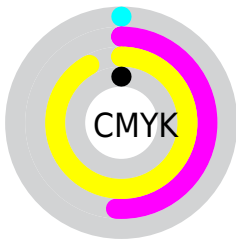
Blue (7%)



Red (100%)

Yellow (84%)

Blue (7%)

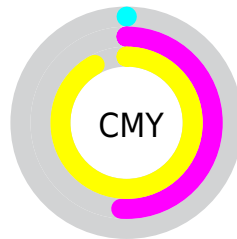


Cyan (0%)

Magenta (51%)

Yellow (92%)

Black (0%)



Cyan (0%)

Magenta (51%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 152.3730, 111.2310, -5.9290 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 152.3730, 111.2310, -5.9290 by changing the saturation by 10% instead.

152.3730,
111.2310, -5.9290

152.3730,
111.2310, -5.9290

255.0000, -0.0000,
-0.0000

125.3770,
105.4080, -5.0240

191.0250, 76.8000,
-15.2000

100.5470, 93.4860,
1.7900

211.1260, 60.1580,
-21.9700

75.1300, 81.8390,
9.1270

230.6400, 43.7910,
-28.2170

48.8380, 71.3380,
17.7220

244.3980, 29.8530,
-28.9230

29.3020, 58.4080,
20.7760

247.5900, 20.8650,
-20.2150

20.6310, 41.1240,
14.6280

250.8960, 11.5560,

12.6720, 24.7110,

-11.1960

9.2150

254.2020, 2.2470,
-2.1770

0.0000, 0.0000,
0.0000

152.3730,
111.2310, -5.9290

152.3730,
111.2310, -5.9290

143.7500,
120.3550, -6.0850

163.5550, 99.0350,
-5.1650

174.6230, 87.1600,
-4.7120

185.8050, 74.9640,
-3.9480

196.8730, 63.0890,
-3.4950

208.0550, 50.8930,
-2.7310

■ 219.1230, 39.0180,
-2.2780

■ 230.3050, 26.8220,
-1.5140

■ 241.3730, 14.9470,
-1.0610

■ 252.5550, 2.7510,
-0.2970

Harmonies

Analogous

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



139.5460, 96.3680, 37.6800



152.3730, 111.2310, -5.9290



151.6600, 75.4290, -39.9230

Triad

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



152.3730, 111.2310, -5.9290



132.1350, -103.3800, -53.7800



156.9530, -35.0350, 34.7330

Complementary

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



152.3730, 111.2310, -5.9290



121.6270, -111.2310, 5.9290

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



152.3730, 111.2310, -5.9290



140.7990, -127.7760, -30.1440

Square

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



152.3730, 111.2310, -5.9290



120.3080, -76.9670, -75.4230



140.0130, -133.8300, -19.5420



162.8910, 39.7380, 72.8100

Rectangle

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



152.3730, 111.2310, -5.9290



146.4120, 43.2920, -57.7320



140.0130, -133.8300, -19.5420



143.9750, -76.8000, 15.2000

Sweetspot

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



152.3730, 111.2310, -5.9290



224.0130, 33.5160, -1.6840



104.3840, 98.9260, 90.4620



108.8960, 20.7240, -1.1320



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.



152.3730, 111.2310, -5.9290



143.7500, 120.3550, -6.0850



221.0520, 79.0560, -67.1200



122.4090, 6.0980, -0.3820



108.1780, 89.9110, -5.0090



36.1590, 30.1690, -1.5990

Inverse Universe

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



121.6270, -111.2310, 5.9290



111.2500, -120.3550, 6.0850



52.9480, -79.0560, 67.1200



120.5910, -6.0980, 0.3820



83.4090, -90.1860, 4.4860



27.8410, -30.1690, 1.5990

Previews

White Background



This preview shows how the YIQ color 152.3730, 111.2310, -5.9290 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 152.3730, 111.2310, -5.9290 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 152.3730, 111.2310, -5.9290

Background



This preview shows how black text looks on a background with the YIQ color 152.3730, 111.2310, -5.9290.



This preview shows how white text looks on a background with the YIQ color 152.3730, 111.2310, -5.9290.

-5.9290.

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

152.3730, 111.2310, -5.9290

Protanopia

153.8180, 54.6130, -37.1230

Deuteranopia

151.6930, 79.8300, -37.0820



Tritanopia

161.1630, 78.2130, 30.7970

Trichromacy



Original Color

152.3730, 111.2310, -5.9290

Protanomaly

153.5050, 74.9680, -26.0560

Deuteranomaly

152.0030, 91.0610, -25.8590

Tritanomaly

157.8910, 90.1820, 17.6220

Monochromacy



Original Color

152.3730, 111.2310, -5.9290

Achromatopsia

152.0000, -0.0000, -0.0000

Achromatomaly

152.3080, 39.9350, -2.3770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.3730, 111.2310, -5.9290 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, 126, 19)` looks like.

```
.text, #text, p{  
    color:rgb(255, 126, 19)  
}
```

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, 126, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 126, 19) }
```

Border

The CSS property to change the border of an element to YIQ 152.3730, 111.2310, -5.9290 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, 126, 19) }
```


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

```
.border{ border-color:rgb(255, 126, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 126, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 126, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 126, 19);  
box-shadow:4px 4px 4px 4px rgb(255, 126,  
19) }
```

Background

The CSS property to change the background color of an element to YIQ 152.3730, 111.2310, -5.9290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 126, 19) }
```

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

```
.background{ background-color: rgb(255,  
126, 19) }
```

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