

Converting Colors

YIQ(151.9480, 102.0620,
-10.4660)

Have a look what the booklet for
YIQ(151.9480, 102.0620, -10.4660)
contains.

YIQ(151.9480, 102.0620, -10.4660)	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>	30

Color

**YIQ(151.9480, 102.0620,
-10.4660)**

Conversions

Conversions Part 1

Format	Color
Hex	F38315
RGB	243, 131, 21
RGB Percent	95%, 51%, 8%
CMY	0.0469, 0.4864, 0.9171
CMYK	0.00, 0.46, 0.91, 0.05
HSL	30°, 90%, 52%
HSV	30°, 91%, 95%
XYZ	45.2260, 35.3382, 5.1528
YIQ	151.9480, 102.0620, -10.4660

Conversions

Conversions Part 2

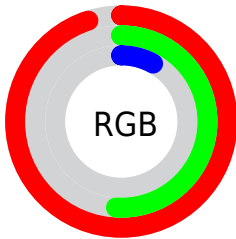
Format	Color
R_{YB}	243, 239, 21
Decimal	15958805
CIE Lab	66.01, 36.85, 69.06
CIE LCh	66, 78.275, 61.913
Yxy	35.3382, 0.5276, 0.4123
Android (android.graphics.Color)	4294148885 (0xFFFF38315)
YUV	151.9480, -64.5574, 79.8526
Hunter-Lab	59.4459, 31.7712, 36.4728

Details

The YIQ color **151.9480, 102.0620, -10.4660** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **112.0520, -102.0620, 10.4660**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **194.0740, 75.1040, -17.5040**, and **100.7800, 85.2800, -3.6800** is the 20% darker color. If you saturate the color by 10%, you get **143.0970, 111.8280, -11.2440**, and if you desaturate by 10%, it is **161.7280, 91.0580, -9.2780**.

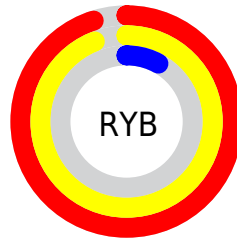
Distribution



Red (95%)

Green (51%)

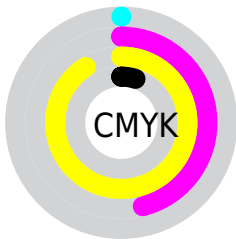
Blue (8%)



Red (95%)

Yellow (94%)

Blue (8%)

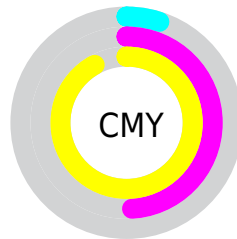


Cyan (0%)

Magenta (46%)

Yellow (91%)

Black (5%)



Cyan (5%)

Magenta (49%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.9480, 102.0620, -10.4660 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 151.9480, 102.0620, -10.4660 by changing the saturation by 10% instead.

151.9480,
102.0620, -10.4660

151.9480,
102.0620, -10.4660

255.0000, -0.0000,
-0.0000

124.7240, 96.8810,
-10.1830

194.0740, 75.1040,
-17.5040

100.7800, 85.2800,
-3.6800

213.5880, 58.7370,
-23.7510

76.8360, 73.6790,
2.8230

233.6890, 42.0950,
-30.5210

52.8920, 62.0780,
9.3260

244.5120, 29.5320,
-28.6120

26.6110, 53.0440,
18.8680

247.7040, 20.5440,
-19.9040

18.2390, 36.3560,
12.9320

251.0100, 11.2350,

9.9810, 19.3470,

-10.8850

7.3070

254.3160, 1.9260,
-1.8660

0.0000, 0.0000,
0.0000

151.9480,
102.0620, -10.4660

151.9480,
102.0620, -10.4660

143.0970,
111.8280, -11.2440

161.7280, 91.0580,
-9.2780

172.2090, 79.4580,
-8.3020

181.9890, 68.4540,
-7.1140

191.7690, 57.4500,
-5.9260

201.6630, 46.1250,
-4.4270

■ 212.0300, 34.8460,
-3.7620

■ 221.8100, 23.8420,
-2.5740

■ 231.7040, 12.5170,
-1.0750

■ 241.4840, 1.5130,
0.1130

Harmonies

Analogous

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



144.0310, 96.1400, 30.7960



151.9480, 102.0620, -10.4660



149.5450, 68.3230, -43.3010

Triad

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



151.9480, 102.0620, -10.4660



131.2860, -105.1230, -49.7230



159.4000, -22.9320, 41.1640

Complementary

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



151.9480, 102.0620, -10.4660



112.0520, -102.0620, 10.4660

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.



127.6860, -128.0550, -8.5590



151.9480, 102.0620, -10.4660



138.6790, -127.3180, -27.4300

Square

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



151.9480, 102.0620, -10.4660



120.0290, -80.3150, -69.8110



137.0780, -132.4550, -16.9270



160.8930, 45.4240, 68.8800

Rectangle

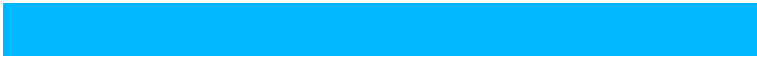
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



151.9480, 102.0620, -10.4660



143.7210, 37.9280, -59.6400



137.0780, -132.4550, -16.9270



151.5050, -54.5650, 25.2350

Sweetspot

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



151.9480, 102.0620, -10.4660



226.5890, 31.7740, -3.1540



100.4880, 95.3970, 82.8290



110.9990, 18.9360, -1.7680



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.



151.9480, 102.0620, -10.4660



150.2070, 117.3300, -11.8380



215.3440, 72.3620, -66.9500



117.1100, 5.5020, -0.5940



109.6180, 85.5560, -8.6840



34.6640, 27.1890, -2.6590

Inverse Universe

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



112.0520, -102.0620, 10.4660



104.7930, -117.3300, 11.8380



48.6560, -72.3620, 66.9500



114.8900, -5.5020, 0.5940



76.3820, -85.5560, 8.6840



24.3360, -27.1890, 2.6590

Previews

White Background



This preview shows how the YIQ color 151.9480, 102.0620, -10.4660 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 151.9480, 102.0620, -10.4660 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 151.9480, 102.0620, -10.4660 Background



This preview shows how black text looks on a background with the YIQ color 151.9480, 102.0620, -10.4660.



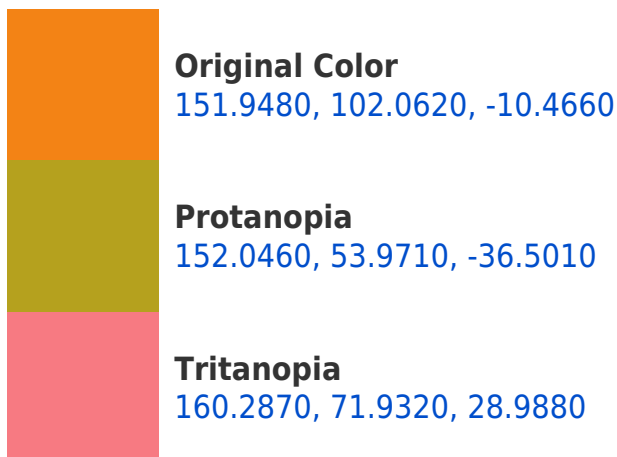
This preview shows how white text looks on a background with the YIQ color 151.9480, 102.0620, -10.4660.

-10.4660.

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



Trichromacy



Original Color

151.9480, 102.0620, -10.4660

Protanomaly

152.1240, 71.6670, -26.8050

Tritanomaly

157.1890, 83.3510, 14.7670

Monochromacy



Original Color

151.9480, 102.0620, -10.4660

Achromatopsia

152.0000, -0.0000, -0.0000

Achromatomaly

151.6990, 37.2760, -3.7480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.9480, 102.0620, -10.4660 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(243, 131, 21)` looks like.

```
.text, #text, p{  
    color:rgb(243, 131, 21)  
}
```

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(243, 131, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 131, 21) }
```

Border

The CSS property to change the border of an element to YIQ 151.9480, 102.0620, -10.4660 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(243, 131, 21) }
```

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

```
.border{ border-color:rgb(243, 131, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 131, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 131, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 131, 21);  
box-shadow:4px 4px 4px 4px rgb(243, 131,  
21) }
```


Background

The CSS property to change the background color of an element to YIQ 151.9480, 102.0620, -10.4660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 131, 21) }
```

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

```
.background{ background-color: rgb(243,  
131, 21) }
```

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