

Converting Colors

YIQ(159.4210, 102.1080,
-11.3000)

Have a look what the booklet for
YIQ(159.4210, 102.1080, -11.3000)
contains.

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Color

**YIQ(159.4210, 102.1080,
-11.3000)**

Conversions

Conversions Part 1

Format	Color
Hex	FA8B1B
RGB	250, 139, 27
RGB Percent	98%, 55%, 11%
CMY	0.0194, 0.4551, 0.8936
CMYK	0.00, 0.44, 0.89, 0.02
HSL	30°, 96%, 54%
HSV	30°, 89%, 98%
XYZ	48.8672, 38.8645, 5.9706
YIQ	159.4210, 102.1080, -11.3000

Conversions

Conversions Part 2

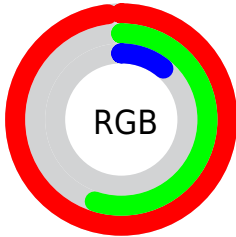
Format	Color
R _Y B	248, 250, 27
Decimal	16419611
CIE Lab	68.65, 35.67, 69.97
CIE LCh	69, 78.539, 62.987
Yxy	38.8645, 0.5215, 0.4148
Android (android.graphics.Color)	4294609691 (0xFFFA8B1B)
YUV	159.4210, -65.2836, 79.4378
Hunter-Lab	62.3414, 30.8224, 37.9607

Details

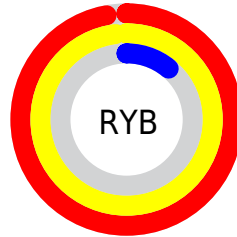
The YIQ color **159.4210, 102.1080, -11.3000** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **117.5790, -102.1080, 11.3000**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **199.3400, 71.2990, -20.1330**, and **107.5690, 87.2520, -6.3800** is the 20% darker color. If you saturate the color by 10%, you get **148.9400, 113.7080, -12.2760**, and if you desaturate by 10%, it is **169.3150, 90.7830, -9.8010**.

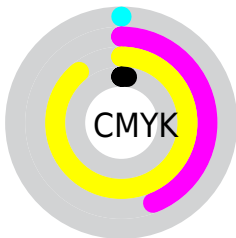
Distribution



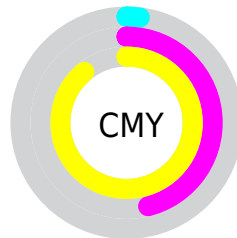
- Red (98%)
- Green (55%)
- Blue (11%)



- Red (97%)
- Yellow (98%)
- Blue (11%)



- Cyan (0%)
- Magenta (44%)
- Yellow (89%)
- Black (2%)



- Cyan (2%)
- Magenta (46%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 159.4210, 102.1080, -11.3000 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 159.4210, 102.1080, -11.3000 by changing the saturation by 10% instead.

159.4210,
102.1080, -11.3000

159.4210,
102.1080, -11.3000

255.0000, -0.0000,
-0.0000

131.5130, 98.8530,
-12.8830

199.3400, 71.2990,
-20.1330

106.9820, 87.5270,
-5.8570

219.4410, 54.6570,
-26.9030

83.6250, 75.6510,
0.1230

239.0690, 37.9690,
-32.8390

59.6810, 64.0500,
6.6260

245.0820, 27.9270,
-27.0570

34.8620, 53.5950,
14.3870

248.3880, 18.6180,
-18.0380

20.0330, 39.9320,
14.2040

251.6940, 9.3090,

12.6720, 24.7110,

-9.0190

9.2150

■ 0.0000, 0.0000,
0.0000

■ 159.4210,
102.1080, -11.3000

■ 159.4210,
102.1080, -11.3000

■ 148.9400,
113.7080, -12.2760

■ 169.3150, 90.7830,
-9.8010

■ 148.1250,
114.6250, -12.3750

■ 179.7960, 79.1830,
-8.8250

■ 189.6900, 67.8580,
-7.3260

■ 200.1710, 56.2580,
-6.3500

■ 210.0650, 44.9330,
-4.8510

220.5460, 33.3330,
-3.8750

230.4400, 22.0080,
-2.3760

240.9210, 10.4080,
-1.4000

250.8150, -0.9170,
0.0990

Harmonies

Analogous

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



149.7700, 92.3810, 27.3330



159.4210, 102.1080, -11.3000



156.0350, 69.6990, -46.2130

Triad

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



159.4210, 102.1080, -11.3000



137.1220, -110.5330, -50.7970



166.5100, -17.4300, 40.5700

Complementary

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



159.4210, 102.1080, -11.3000



117.5790, -102.1080, 11.3000

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.



131.2080, -129.7050, -11.6970



159.4210, 102.1080, -11.3000



144.5150, -132.7280, -28.5040

Square

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



159.4210, 102.1080, -11.3000



125.7510, -85.4040, -71.1960



141.1870, -134.3800, -20.5880



167.3770, 46.9370, 68.9930

Rectangle

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



159.4210, 102.1080, -11.3000



149.9120, 38.7080, -62.7640



141.1870, -134.3800, -20.5880



159.5120, -47.2750, 25.2770

Sweetspot

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



159.4210, 102.1080, -11.3000



227.1760, 31.4990, -3.6770



106.4450, 96.9560, 82.1080



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.



159.4210, 102.1080, -11.3000



151.3810, 116.7800, -12.8840



224.5780, 71.5830, -69.3530



119.9960, 5.8230, -0.9050



112.2760, 86.5190, -9.6170



36.4360, 27.8310, -3.2810

Inverse Universe

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



117.5790, -102.1080, 11.3000



103.6190, -116.7800, 12.8840



52.4220, -71.5830, 69.3530



117.5910, -6.0980, 0.3820



76.7240, -86.5190, 9.6170



24.5640, -27.8310, 3.2810

Previews

White Background



This preview shows how the YIQ color 159.4210, 102.1080, -11.3000 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 159.4210, 102.1080, -11.3000 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 159.4210, 102.1080, -11.3000 Background



This preview shows how black text looks on a background with the YIQ color 159.4210, 102.1080, -11.3000.



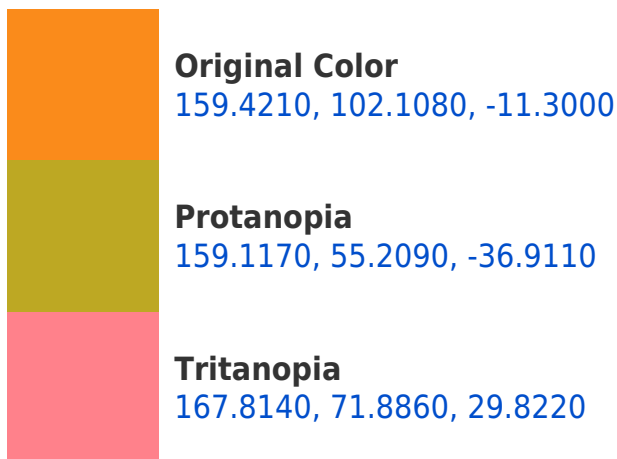
This preview shows how white text looks on a background with the YIQ color 159.4210, 102.1080, -11.3000.

-11.3000.

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

159.4210, 102.1080, -11.3000

Protanomaly

158.8960, 72.3090, -27.4270

Tritanomaly

164.8900, 82.7550, 14.5550

Monochromacy



Original Color

159.4210, 102.1080, -11.3000

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

159.2860, 37.0010, -4.2710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.4210, 102.1080, -11.3000 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(250, 139, 27)` looks like.

```
.text, #text, p{  
    color:rgb(250, 139, 27)  
}
```

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(250, 139, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 139, 27) }
```

Border

The CSS property to change the border of an element to YIQ 159.4210, 102.1080, -11.3000 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(250, 139, 27) }
```

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

```
.border{ border-color:rgb(250, 139, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 139, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 139, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 139, 27);  
box-shadow:4px 4px 4px 4px rgb(250, 139,  
27) }
```


Background

The CSS property to change the background color of an element to YIQ 159.4210, 102.1080, -11.3000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 139, 27) }
```

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

```
.background{ background-color: rgb(250,  
139, 27) }
```

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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