

Converting Colors

YIQ(168.9010, 92.2490, -3.3270)

Have a look what the booklet for
YIQ(168.9010, 92.2490, -3.3270)
contains.

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Color

**YIQ(168.9010, 92.2490,
-3.3270)**

Conversions

Conversions Part 1

Format	Color
Hex	FF923D
RGB	255, 146, 61
RGB Percent	100%, 57%, 24%
CMY	0.0000, 0.4276, 0.7603
CMYK	0.00, 0.43, 0.76, 0.00
HSL	26°, 100%, 62%
HSV	26°, 76%, 100%
XYZ	52.3571, 42.1417, 9.8051
YIQ	168.9010, 92.2490, -3.3270

Conversions

Conversions Part 2

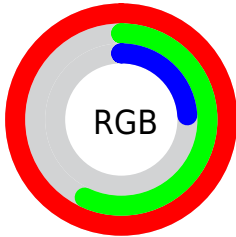
Format	Color
R _Y B	255, 212, 61
Decimal	16749117
CIE Lab	70.97, 35.01, 60.30
CIE LCh	71, 69.726, 59.862
Yxy	42.1417, 0.5020, 0.4040
Android (android.graphics.Color)	4294939197 (0xFFFF923D)
YUV	168.9010, -53.1952, 75.5088
Hunter-Lab	64.9166, 30.3611, 36.4864

Details

The YIQ color **168.9010, 92.2490, -3.3270** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **147.0990, -92.2490, 3.3270**, and the grayscale version is **169.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **207.1140, 60.4320, -15.9200**, and **112.5860, 88.5820, -8.4580** is the 20% darker color. If you saturate the color by 10%, you get **157.8330, 104.1240, -3.7800**, and if you desaturate by 10%, it is **180.0830, 80.0530, -2.5630**.

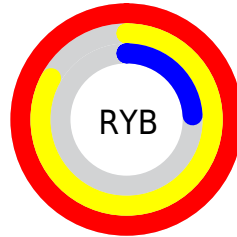
Distribution



Red (100%)

Green (57%)

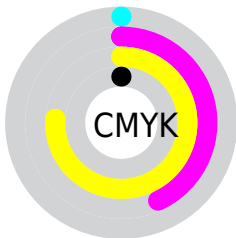
Blue (24%)



Red (100%)

Yellow (83%)

Blue (24%)

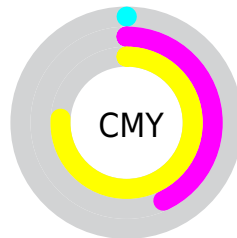


Cyan (0%)

Magenta (43%)

Yellow (76%)

Black (0%)



Cyan (0%)


Magenta (43%)


Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 168.9010, 92.2490, -3.3270 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 168.9010, 92.2490, -3.3270 by changing the saturation by 10% instead.

 168.9010, 92.2490,
-3.3270


 168.9010, 92.2490,
-3.3270


255.0000, -0.0000,
-0.0000


 140.9930, 88.9940,
-4.9100


 207.2280, 60.1110,
-15.6090


 112.5860, 88.5820,
-8.4580


 226.6280, 44.0650,
-22.1670

 88.6420, 76.9810,
-1.9550


 245.0820, 27.9270,
-27.0570

 65.5840, 65.7010,
4.2370

 248.2740, 18.9390,
-18.3490

 41.3520, 54.9710,
11.4750

 251.4660, 9.9510,
-9.6410

 21.8270, 43.5080,
15.4760

254.7720, 0.6420,

 14.4660, 28.2870,

-0.6220

10.4870

■ 0.0000, 0.0000,
0.0000

■ 168.9010, 92.2490,
-3.3270

■ 168.9010, 92.2490,
-3.3270

■ 157.8330,
104.1240, -3.7800

■ 180.0830, 80.0530,
-2.5630

■ 146.0640,
116.5950, -4.0210

■ 191.7380, 67.9030,
-2.6330

■ 141.9890,
121.1800, -4.5160

■ 202.9200, 55.7070,
-1.8690

■ 213.9880, 43.8320,
-1.4160

■ 225.7570, 31.3610,
-1.1750

236.8250, 19.4860,
-0.7220

248.0070, 7.2900,
0.0420

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



160.2680, 82.1110, 26.2310



168.9010, 92.2490, -3.3270



164.9350, 67.4050, -37.6750

Triad

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



168.9010, 92.2490, -3.3270



138.6550, -110.7160, -52.9880



172.6570, -22.5180, 33.6580

Complementary

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



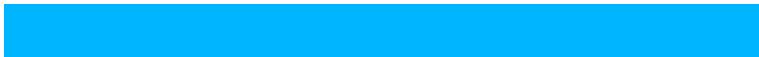
168.9010, 92.2490, -3.3270



147.0990, -92.2490, 3.3270

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.



135.3170, -131.6300, -15.3580



168.9010, 92.2490, -3.3270



145.9510, -131.2600, -33.0840

Square

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



168.9010, 92.2490, -3.3270



139.1770, -68.8080, -63.5920



144.1220, -135.7550, -23.2030



177.7190, 36.8060, 59.8620

Rectangle

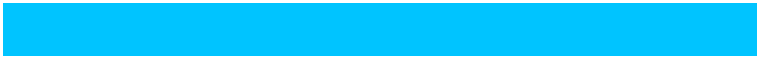
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



168.9010, 92.2490, -3.3270



160.9740, 36.1380, -49.2220



144.1220, -135.7550, -23.2030



166.2790, -48.2370, 20.6830

Sweetspot

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



168.9010, 92.2490, -3.3270



228.9030, 28.0140, -1.0900



131.5460, 80.3140, 75.3380



111.5690, 17.3310, -0.2130



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.



168.9010, 92.2490, -3.3270



151.6550, 110.4970, -3.6390



225.2530, 65.8490, -53.5350



121.8220, 6.3730, 0.1410



106.4170, 90.7360, -3.4400



35.5720, 30.4440, -1.0760

Inverse Universe

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



147.0990, -92.2490, 3.3270



125.7580, -110.2220, 4.1620



90.7470, -65.8490, 53.5350



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 168.9010, 92.2490, -3.3270 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 168.9010, 92.2490, -3.3270 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 168.9010, 92.2490, -3.3270

Background



This preview shows how black text looks on a background with the YIQ color 168.9010, 92.2490, -3.3270.



This preview shows how white text looks on a background with the YIQ color 168.9010, 92.2490, -3.3270.

-3.3270.

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

168.9010, 92.2490, -3.3270

Protanopia

168.0100, 45.6250, -28.4150

Deuteranopia

168.3070, 66.8980, -22.9740



Tritanopia

175.4110, 65.6510, 27.1790

Trichromacy



Original Color

168.9010, 92.2490, -3.3270

Protanomaly

168.3760, 62.4500, -19.4540

Deuteranomaly

168.3130, 75.9290, -15.9350

Tritanomaly

172.9370, 75.3730, 16.1810

Monochromacy



Original Color

168.9010, 92.2490, -3.3270

Achromatopsia

169.0000, -0.0000, -0.0000

Achromatomaly

169.1270, 33.1950, -1.3730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.9010, 92.2490, -3.3270 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, 146, 61)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 61)  
}
```

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, 146, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 61) }
```

Border

The CSS property to change the border of an element to YIQ 168.9010, 92.2490, -3.3270 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, 146, 61) }
```


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

```
.border{ border-color:rgb(255, 146, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 146, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 61);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
61) }
```

Background

The CSS property to change the background color of an element to YIQ 168.9010, 92.2490, -3.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 146, 61) }
```

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

```
.background{ background-color: rgb(255,  
146, 61) }
```

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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