

Converting Colors

YIQ(179.1080, 86.9320,
-11.5960)

Have a look what the booklet for
YIQ(179.1080, 86.9320, -11.5960)
contains.

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Color

**YIQ(179.1080, 86.9320,
-11.5960)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA33F
RGB	255, 163, 63
RGB Percent	100%, 64%, 25%
CMY	0.0000, 0.3609, 0.7525
CMYK	0.00, 0.36, 0.75, 0.00
HSL	31°, 100%, 62%
HSV	31°, 75%, 100%
XYZ	55.2305, 47.8006, 11.0339
YIQ	179.1080, 86.9320, -11.5960

Conversions

Conversions Part 2

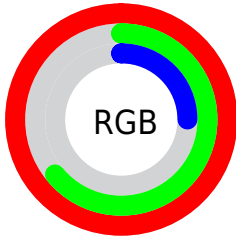
Format	Color
R _Y B	240, 255, 63
Decimal	16753471
CIE Lab	74.70, 26.29, 63.13
CIE LCh	75, 68.390, 67.390
Yxy	47.8006, 0.4842, 0.4191
Android (android.graphics.Color)	4294943551 (0xFFFFA33F)
YUV	179.1080, -57.2412, 66.5573
Hunter-Lab	69.1380, 21.6022, 38.9344

Details

The YIQ color **179.1080, 86.9320, -11.5960** 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 **138.8920, -86.9320, 11.5960**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **217.4350, 54.7940, -23.8780**, and **122.8640, 84.5030, -17.1370** is the 20% darker color. If you saturate the color by 10%, you get **169.2140, 98.2570, -13.0950**, and if you desaturate by 10%, it is **189.1160, 75.2860, -9.7860**.

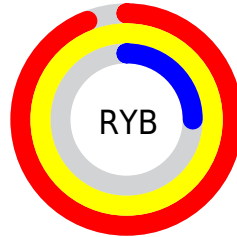
Distribution



Red (100%)

Green (64%)

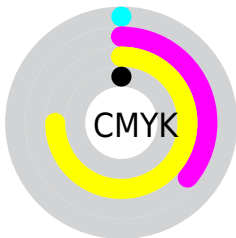
Blue (25%)



Red (94%)

Yellow (100%)

Blue (25%)

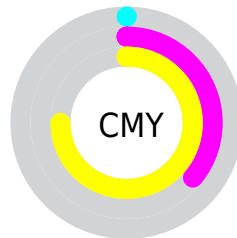


Cyan (0%)

Magenta (36%)

Yellow (75%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.1080, 86.9320, -11.5960 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 179.1080, 86.9320, -11.5960 by changing the saturation by 10% instead.

179.1080, 86.9320,
-11.5960

179.1080, 86.9320,
-11.5960

255.0000, -0.0000,
-0.0000

151.3850, 84.5940,
-13.2780

217.5490, 54.4730,
-23.5670

122.8640, 84.5030,
-17.1370

237.6500, 37.8310,
-30.3370

98.9200, 72.9020,
-10.6340

245.4240, 26.9640,
-26.1240

76.1610, 62.2180,
-4.2300

248.7300, 17.6550,
-17.1050

53.6900, 50.6630,
1.4390

251.9220, 8.6670,
-8.3970

31.8170, 40.3000,
7.5320

14.3520, 28.6080,

10.1760

■ 2.6910, 5.3640,
1.9080

■ 0.0000, 0.0000,
0.0000

■ 179.1080, 86.9320,
-11.5960

■ 179.1080, 86.9320,
-11.5960

■ 169.2140, 98.2570,
-13.0950

■ 189.1160, 75.2860,
-9.7860

■ 159.2060,
109.9030, -14.9050

■ 199.0100, 63.9610,
-8.2870

■ 154.3160,
115.4050, -15.4990

■ 209.6050, 52.0400,
-7.0000

■ 219.4990, 40.7150,
-5.5010

■ 229.5070, 29.0690,
-3.6910

■ 239.4010, 17.7440,
-2.1920

■ 249.9960, 5.8230,
-0.9050

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.



169.9050, 78.3990, 16.4070



179.1080, 86.9320, -11.5960



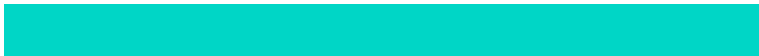
174.7100, 54.7970, -40.4590

Triad

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



179.1080, 86.9320, -11.5960



148.1900, -122.4080, -50.3440



184.8830, -2.4830, 39.5090

Complementary

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



179.1080, 86.9320, -11.5960



138.8920, -86.9320, 11.5960

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.



161.2750, -87.1130, -1.6490



179.1080, 86.9320, -11.5960



153.5140, -140.1550, -31.5710

Square

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



179.1080, 86.9320, -11.5960



139.0190, -100.7180, -68.9900



148.2310, -137.6800, -26.8640



182.1660, 39.7410, 56.2290

Rectangle

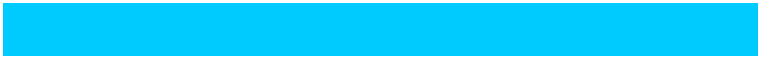
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



179.1080, 86.9320, -11.5960



170.5470, 21.2830, -49.8290



148.2310, -137.6800, -26.8640



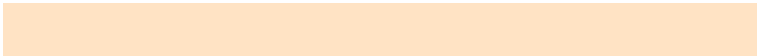
180.5980, -24.0300, 28.0180

Sweetspot

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



179.1080, 86.9320, -11.5960



231.8380, 26.6390, -3.7050



131.0100, 84.5790, 69.6270



113.3300, 16.5060, -1.7820



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.



179.1080, 86.9320, -11.5960



164.2100, 104.0800, -14.0000



232.2150, 59.8440, -60.3480



122.4090, 6.0980, -0.3820



115.8090, 86.3360, -11.8080



38.5070, 29.0690, -3.6910

Inverse Universe

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



138.8920, -86.9320, 11.5960



116.3770, -104.3550, 13.4770



85.7850, -59.8440, 60.3480



120.0040, -5.8230, 0.9050



75.7780, -86.6110, 11.2850



25.4930, -29.0690, 3.6910

Previews

White Background



This preview shows how the YIQ color 179.1080, 86.9320, -11.5960 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 179.1080, 86.9320, -11.5960 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 179.1080, 86.9320, -11.5960

Background



This preview shows how black text looks on a background with the YIQ color 179.1080, 86.9320, -11.5960.



This preview shows how white text looks on a background with the YIQ color 179.1080, 86.9320, -11.5960.

-11.5960.

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

179.1080, 86.9320, -11.5960

Protanopia

178.0550, 49.7520, -31.6240

Deuteranopia

178.5200, 70.6120, -24.2040



Tritanopia

186.7410, 55.7940, 24.0980

Trichromacy



Original Color

179.1080, 86.9320, -11.5960

Protanomaly

178.5130, 63.3220, -24.2460

Deuteranomaly

178.9770, 76.7550, -19.8930

Tritanomaly

184.2840, 66.8460, 11.0220

Monochromacy



Original Color

179.1080, 86.9320, -11.5960

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

179.0620, 31.8200, -3.9880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.1080, 86.9320, -11.5960 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, 163, 63)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 63)  
}
```

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, 163, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 63) }
```

Border

The CSS property to change the border of an element to YIQ 179.1080, 86.9320, -11.5960 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, 163, 63) }
```


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

```
.border{ border-color:rgb(255, 163, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 163, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 63);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
63) }
```

Background

The CSS property to change the background color of an element to YIQ 179.1080, 86.9320, -11.5960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 63) }
```

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

```
.background{ background-color: rgb(255,  
163, 63) }
```

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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