

Converting Colors

YIQ(179.1670, 79.2760,
-16.0200)

Have a look what the booklet for
YIQ(179.1670, 79.2760, -16.0200)
contains.

YIQ(179.1670, 79.2760, -16.0200)	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(179.1670, 79.2760,
-16.0200)**

Conversions

Conversions Part 1

Format	Color
Hex	F5A840
RGB	245, 168, 64
RGB Percent	96%, 66%, 25%
CMY	0.0391, 0.3413, 0.7486
CMYK	0.00, 0.31, 0.74, 0.04
HSL	34°, 90%, 61%
HSV	34°, 74%, 96%
XYZ	52.5916, 47.7824, 11.3166
YIQ	179.1670, 79.2760, -16.0200

Conversions

Conversions Part 2

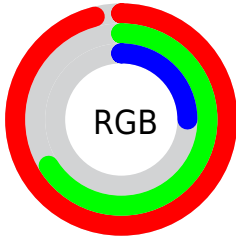
Format	Color
RYB	198, 245, 64
Decimal	16099392
CIELab	74.69, 19.59, 62.32
CIELCh	75, 65.331, 72.551
Yxy	47.7824, 0.4709, 0.4278
Android (android.graphics.Color)	4294289472 (0xFFFF5A840)
YUV	179.1670, -56.7773, 57.7355
Hunter-Lab	69.1248, 14.8381, 38.6809

Details

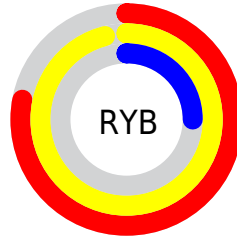
The YIQ color **179.1670, 79.2760, -16.0200** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **129.8330, -79.2760, 16.0200**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **220.5980, 52.7770, -25.8710**, and **123.1080, 77.7640, -21.6600** is the 20% darker color. If you saturate the color by 10%, you get **170.5610, 89.7300, -18.2540**, and if you desaturate by 10%, it is **187.8870, 68.5010, -13.4750**.

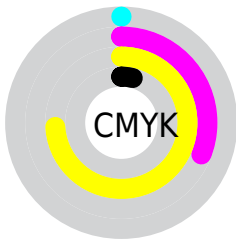
Distribution



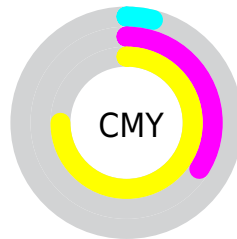
- Red (96%)
- Green (66%)
- Blue (25%)



- Red (78%)
- Yellow (96%)
- Blue (25%)



- Cyan (0%)
- Magenta (31%)
- Yellow (74%)
- Black (4%)



- Cyan (4%)
- Magenta (34%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.1670, 79.2760, -16.0200 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 179.1670, 79.2760, -16.0200 by changing the saturation by 10% instead.

179.1670, 79.2760,
-16.0200

179.1670, 79.2760,
-16.0200

255.0000, -0.0000,
-0.0000

151.4440, 76.9380,
-17.7020

220.5980, 52.7770,
-25.8710

123.1080, 77.7640,
-21.6600

240.6990, 36.1350,
-32.6410

99.4630, 66.7590,
-14.9450

245.5380, 26.6430,
-25.8130

77.2910, 55.8000,
-9.0640

248.8440, 17.3340,
-16.7940

55.1190, 44.8410,
-3.1830

252.1500, 8.0250,
-7.7750

34.4200, 33.9280,
1.8640

13.4440, 25.3530,

8.5930

■ 0.0000, 0.0000,
0.0000

■ 179.1670, 79.2760,
-16.0200

■ 179.1670, 79.2760,
-16.0200

■ 170.5610, 89.7300,
-18.2540

■ 187.8870, 68.5010,
-13.4750

■ 161.2540,
100.7800, -20.2760

■ 197.0800, 57.7720,
-11.7640

■ 156.0220,
107.2450, -21.8030

■ 205.8000, 46.9970,
-9.2190

■ 214.9930, 36.2680,
-7.5080

■ 223.7130, 25.4930,
-4.9630

232.9060, 14.7640,
-3.2520

241.6260, 3.9890,
-0.7070

249.6620, -4.8600,
-0.0280

252.0100, -5.9600,
-2.1200

Harmonies

Analogous

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



172.7430, 78.6750, 11.4030



179.1670, 79.2760, -16.0200



174.7350, 44.4810, -40.7270

Triad

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



179.1670, 79.2760, -16.0200



148.7430, -125.3430, -46.7110



187.0090, 6.0900, 43.8340

Complementary

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



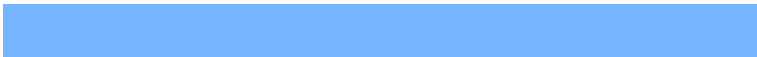
179.1670, 79.2760, -16.0200



129.8330, -79.2760, 16.0200

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.



171.1860, -61.5770, 9.1350



179.1670, 79.2760, -16.0200



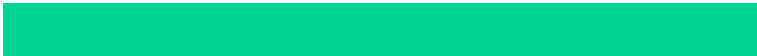
152.3400, -139.6050, -30.5250

Square

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



179.1670, 79.2760, -16.0200



140.5010, -104.8910, -64.9470



146.4700, -136.8550, -25.2950



180.6840, 43.9140, 52.1860

Rectangle

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



179.1670, 79.2760, -16.0200



170.2130, 10.6000, -48.9520



146.4700, -136.8550, -25.2950



183.9200, -13.0730, 33.1910

Sweetspot

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



179.1670, 79.2760, -16.0200



234.5280, 24.5760, -4.8640



127.1250, 82.5170, 62.9410



115.3190, 15.0390, -2.7290



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.



179.1670, 79.2760, -16.0200



172.1830, 99.5420, -19.8660



220.7780, 50.9490, -58.8350



117.6970, 5.2270, -1.1170



118.4230, 81.4310, -16.5290



37.5990, 25.8140, -5.2740

Inverse Universe

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



129.8330, -79.2760, 16.0200



110.8170, -99.5420, 19.8660



88.2220, -50.9490, 58.8350



114.3030, -5.2270, 1.1170



67.5770, -81.4310, 16.5290



21.4010, -25.8140, 5.2740

Previews

White Background



This preview shows how the YIQ color 179.1670, 79.2760, -16.0200 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 179.1670, 79.2760, -16.0200 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 179.1670, 79.2760, -16.0200

Background



This preview shows how black text looks on a background with the YIQ color 179.1670, 79.2760, -16.0200.



This preview shows how white text looks on a background with the YIQ color 179.1670, 79.2760, -16.0200.

-16.0200.

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

179.1670, 79.2760, -16.0200

Protanopia

177.4680, 50.0270, -31.1010

Deuteranopia

178.5630, 69.0530, -23.4830



Tritanopia

186.7730, 52.7680, 23.8720

Trichromacy



Original Color

179.1670, 79.2760, -16.0200

Protanomaly

177.9040, 60.6630, -25.6170

Deuteranomaly

178.4110, 72.5370, -20.5430

Tritanomaly

183.8920, 62.0780, 9.3260

Monochromacy



Original Color

179.1670, 79.2760, -16.0200

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

179.0400, 28.8860, -5.8820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.1670, 79.2760, -16.0200 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(245, 168, 64)` looks like.

```
.text, #text, p{  
    color:rgb(245, 168, 64)  
}
```

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(245, 168, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 168, 64) }
```

Border

The CSS property to change the border of an element to YIQ 179.1670, 79.2760, -16.0200 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(245, 168, 64) }
```


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

```
.border{ border-color:rgb(245, 168, 64) }
```

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

Here you see how a box with a 4 pixel rgb(245, 168, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 168, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 168, 64);  
box-shadow:4px 4px 4px 4px rgb(245, 168,  
64) }
```

Background

The CSS property to change the background color of an element to YIQ 179.1670, 79.2760, -16.0200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 168, 64) }
```

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

```
.background{ background-color: rgb(245,  
168, 64) }
```

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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