

Converting Colors

YIQ(179.8140, 95.9670,
-26.6650)

Have a look what the booklet for
YIQ(179.8140, 95.9670, -26.6650)
contains.

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Color

**YIQ(179.8140, 95.9670,
-26.6650)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAB1C
RGB	255, 171, 28
RGB Percent	100%, 67%, 11%
CMY	0.0000, 0.3295, 0.8897
CMYK	0.00, 0.33, 0.89, 0.00
HSL	38°, 100%, 56%
HSV	38°, 89%, 100%
XYZ	56.0073, 50.4568, 7.8937
YIQ	179.8140, 95.9670, -26.6650

Conversions

Conversions Part 2

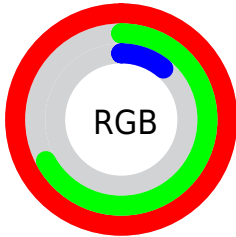
Format	Color
RYB	161, 255, 28
Decimal	16755484
CIELab	76.35, 21.13, 75.83
CIELCh	76, 78.716, 74.429
Yxy	50.4568, 0.4898, 0.4412
Android (android.graphics.Color)	4294945564 (0xFFFFAB1C)
YUV	179.8140, -74.8443, 65.9381
Hunter-Lab	71.0329, 16.4341, 43.1343

Details

The YIQ color **179.8140, 95.9670, -26.6650** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle washed orange. A complement of this color would be **103.1860, -95.9670, 26.6650**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **219.2810, 60.6190, -35.8370**, and **127.2610, 81.7070, -21.5330** is the 20% darker color. If you saturate the color by 10%, you get **171.6810, 106.4670, -29.7330**, and if you desaturate by 10%, it is **188.0610, 85.1460, -23.2860**.

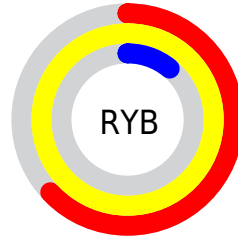
Distribution



Red (100%)

Green (67%)

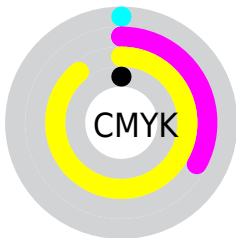
Blue (11%)



Red (63%)

Yellow (100%)

Blue (11%)

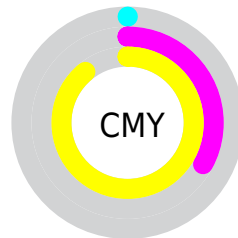


Cyan (0%)

Magenta (33%)

Yellow (89%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.8140, 95.9670, -26.6650 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 179.8140, 95.9670, -26.6650 by changing the saturation by 10% instead.

179.8140, 95.9670,
-26.6650

179.8140, 95.9670,
-26.6650

255.0000, -0.0000,
-0.0000

151.2050, 93.3080,
-28.0360

219.2810, 60.6190,
-35.8370

127.2610, 81.7070,
-21.5330

239.4960, 43.6560,
-42.2960

103.6160, 70.7020,
-14.8180

242.6880, 34.6680,
-33.5880

80.5580, 59.4220,
-8.6260

245.9940, 25.3590,
-24.5690

58.6740, 47.5920,
-3.4800

249.3000, 16.0500,
-15.5500

37.3880, 36.9540,
2.0900

252.6060, 6.7410,

16.7000, 27.5080,

-6.5310

8.0840

■ 4.1860, 8.3440,
2.9680

■ 0.0000, 0.0000,
0.0000

■ 179.8140, 95.9670,
-26.6650

■ 179.8140, 95.9670,
-26.6650

■ 171.6810,
106.4670, -29.7330

■ 188.0610, 85.1460,
-23.2860

■ 170.7520,
107.7050, -30.1430

■ 196.7810, 74.3710,
-20.7410

■ 205.0280, 63.5500,
-17.3620

■ 213.7480, 52.7750,
-14.8170

■ 221.9950, 41.9540,
-11.4380

■ 230.7150, 31.1790,
-8.8930

■ 238.9620, 20.3580,
-5.5140

■ 247.6820, 9.5830,
-2.9690

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.



168.5710, 84.9110, 8.5190



179.8140, 95.9670, -26.6650



172.9590, 57.6890, -59.8390

Triad

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



179.8140, 95.9670, -26.6650



155.6220, -132.3120, -47.0640



189.4450, 16.7260, 49.3180

Complementary

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



179.8140, 95.9670, -26.6650



103.1860, -95.9670, 26.6650

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.



168.1630, -71.9380, 4.1740



179.8140, 95.9670, -26.6650



157.6230, -142.0800, -35.2320

Square

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



179.8140, 95.9670, -26.6650



145.8980, -107.6870, -69.3430



150.5790, -138.7800, -28.9560



173.9650, 44.9210, 61.4730

Rectangle

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



179.8140, 95.9670, -26.6650



169.2260, 8.5850, -61.9990



150.5790, -138.7800, -28.9560



186.0350, -5.9670, 36.5690

Sweetspot

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



179.8140, 95.9670, -26.6650



231.8720, 29.2990, -7.8610



105.7910, 107.3650, 75.1810



113.9340, 17.5610, -4.3830



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.



179.8140, 95.9670, -26.6650



170.7520, 107.7050, -30.1430



221.3480, 57.3710, -76.1090



123.5830, 5.5480, -1.4280



127.5490, 80.8360, -22.2680



42.6160, 27.1440, -7.3520

Inverse Universe

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



103.1860, -95.9670, 26.6650



84.2480, -107.7050, 30.1430



61.9510, -56.7750, 76.3210



118.8300, -5.2730, 1.9510



63.4510, -80.8360, 22.2680



21.3840, -27.1440, 7.3520

Previews

White Background



This preview shows how the YIQ color 179.8140, 95.9670, -26.6650 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 179.8140, 95.9670, -26.6650 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 179.8140, 95.9670, -26.6650

Background



This preview shows how black text looks on a background with the YIQ color 179.8140, 95.9670, -26.6650.



This preview shows how white text looks on a background with the YIQ color 179.8140, 95.9670, -26.6650.

-26.6650.

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

179.8140, 95.9670, -26.6650

Protanopia

178.0930, 63.7840, -43.6400

Deuteranopia

178.6290, 85.8820, -36.6300



Tritanopia

191.6480, 51.6220, 22.6140

Trichromacy



Original Color

179.8140, 95.9670, -26.6650

Protanomaly

178.5400, 75.8870, -37.2090

Deuteranomaly

179.0040, 89.3200, -32.8560

Tritanomaly

187.3670, 67.8100, 4.5620

Monochromacy



Original Color

179.8140, 95.9670, -26.6650

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

180.0420, 34.5720, -9.8120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.8140, 95.9670, -26.6650 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, 171, 28)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 28)  
}
```

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, 171, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 28) }
```

Border

The CSS property to change the border of an element to YIQ 179.8140, 95.9670, -26.6650 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, 171, 28) }
```


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

```
.border{ border-color:rgb(255, 171, 28) }
```

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

Here you see how a box with a 4 pixel rgb(255, 171, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 28);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
28) }
```

Background

The CSS property to change the background color of an element to YIQ 179.8140, 95.9670, -26.6650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 28) }
```

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

```
.background{ background-color: rgb(255,  
171, 28) }
```

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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