

Converting Colors

YIQ(173.0670, 67.8140,
-17.5460)

Have a look what the booklet for
YIQ(173.0670, 67.8140, -17.5460)
contains.

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Color

**YIQ(173.0670, 67.8140,
-17.5460)**

Conversions

Conversions Part 1

Format	Color
Hex	E3A644
RGB	227, 166, 68
RGB Percent	89%, 65%, 27%
CMY	0.1097, 0.3491, 0.7330
CMYK	0.00, 0.27, 0.70, 0.11
HSL	37°, 74%, 58%
HSV	37°, 70%, 89%
XYZ	46.3629, 44.0158, 11.5352
YIQ	173.0670, 67.8140, -17.5460

Conversions

Conversions Part 2

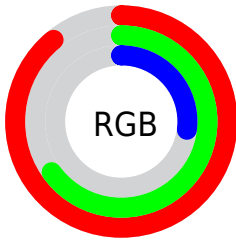
Format	Color
RYB	167, 227, 68
Decimal	14919236
CIELab	72.24, 13.25, 57.50
CIELCh	72, 59.009, 77.022
Yxy	44.0158, 0.4549, 0.4319
Android (android.graphics.Color)	4293109316 (0xFFE3A644)
YUV	173.0670, -51.7980, 47.2992
Hunter-Lab	66.3444, 8.6369, 36.1324

Details

The YIQ color **173.0670, 67.8140, -17.5460** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **121.9330, -67.8140, 17.5460**, and the grayscale version is **174.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **219.7660, 52.3640, -23.8920**, and **117.6490, 65.9350, -22.0410** is the 20% darker color. If you saturate the color by 10%, you get **165.1620, 77.6720, -19.9920**, and if you desaturate by 10%, it is **180.9720, 57.9560, -15.1000**.

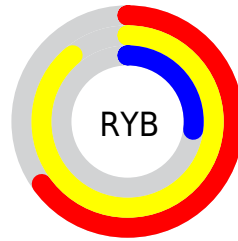
Distribution



Red (89%)

Green (65%)

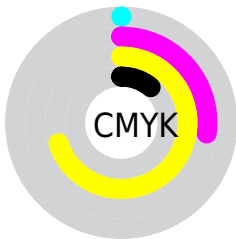
Blue (27%)



Red (65%)

Yellow (89%)

Blue (27%)

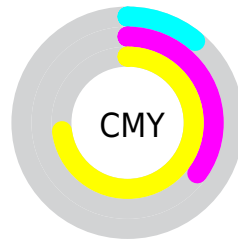


Cyan (0%)

Magenta (27%)

Yellow (70%)

Black (11%)



Cyan (11%)

Magenta (35%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 173.0670, 67.8140, -17.5460 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 173.0670, 67.8140, -17.5460 by changing the saturation by 10% instead.

173.0670, 67.8140,
-17.5460

173.0670, 67.8140,
-17.5460

255.0000, -0.0000,
-0.0000

145.7570, 65.7510,
-18.7050

219.7660, 52.3640,
-23.8920

117.6490, 65.9350,
-22.0410

239.2800, 35.9970,
-30.1390

94.0920, 57.4980,
-17.8140

245.8800, 25.6800,
-24.8800

71.6320, 47.4100,
-11.1980

249.1860, 16.3710,
-15.8610

50.3460, 36.7720,
-5.6280

252.3780, 7.3830,
-7.1530

30.5330, 26.1800,
-0.8920

9.5680, 19.0720,

6.7840

■ 0.0000, 0.0000,
0.0000

■ 173.0670, 67.8140,
-17.5460

■ 173.0670, 67.8140,
-17.5460

■ 165.1620, 77.6720,
-19.9920

■ 180.9720, 57.9560,
-15.1000

■ 157.9580, 86.9340,
-22.6500

■ 188.1760, 48.6940,
-12.4420

■ 150.0530, 96.7920,
-25.0960

■ 196.0810, 38.8360,
-9.9960

■ 203.9860, 28.9780,
-7.5500

■ 211.8910, 19.1200,
-5.1040

■ 219.0950, 9.8580,
-2.4460

■ 227.0000, -0.0000,
-0.0000

■ 234.9050, -9.8580,
2.4460

■ 240.1710,
-13.6630, -0.1830

Harmonies

Analogous

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



172.7600, 80.0050, 9.3250



173.0670, 67.8140, -17.5460



168.8680, 33.9810, -37.6590

Triad

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



173.0670, 67.8140, -17.5460



143.3460, -122.5470, -42.3150



182.4440, 9.2990, 46.2510

Complementary

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



173.0670, 67.8140, -17.5460



121.9330, -67.8140, 17.5460

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.



171.5950, -46.3110, 18.8170



173.0670, 67.8140, -17.5460



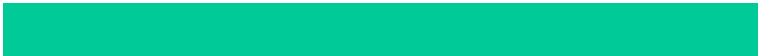
146.4700, -136.8550, -25.2950

Square

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



173.0670, 67.8140, -17.5460



135.7880, -104.0210, -58.6850



140.6000, -134.1050, -20.0650



177.4580, 50.2420, 47.6340

Rectangle

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



173.0670, 67.8140, -17.5460



163.8840, 1.5210, -44.1030



140.6000, -134.1050, -20.0650



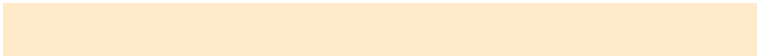
180.7190, -7.8930, 38.4350

Sweetspot

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



173.0670, 67.8140, -17.5460



236.5170, 23.1090, -5.8110



122.8370, 74.2200, 53.6120



116.7210, 13.8470, -3.1530



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.



173.0670, 67.8140, -17.5460



182.4700, 91.2440, -23.6680



204.0900, 41.5030, -52.8410



110.6970, 5.2270, -1.1170



118.0910, 76.4340, -19.5820



33.4460, 21.8710, -5.4010

Inverse Universe

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



121.9330, -67.8140, 17.5460



113.5300, -91.2440, 23.6680



90.9100, -41.5030, 52.8410



107.3030, -5.2270, 1.1170



60.9090, -76.4340, 19.5820



17.5540, -21.8710, 5.4010

Previews

White Background



This preview shows how the YIQ color 173.0670, 67.8140, -17.5460 looks on a white background.

Color Contrast Check

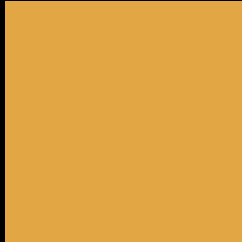
Large Text (above 18pt) WCAG AA × Fail

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 173.0670, 67.8140, -17.5460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

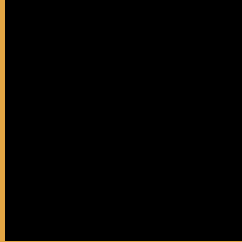
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 173.0670, 67.8140, -17.5460

Background



This preview shows how black text looks on a background with the YIQ color 173.0670, 67.8140, -17.5460.



This preview shows how white text looks on a background with the YIQ color 173.0670, 67.8140, -17.5460.

-17.5460.

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

173.0670, 67.8140, -17.5460

Protanopia

171.7820, 46.2670, -29.0370

Deuteranopia

172.9200, 63.7340, -20.6980



Tritanopia

180.6900, 42.6360, 20.2680

Trichromacy



Original Color

173.0670, 67.8140, -17.5460

Protanomaly

172.6090, 54.2440, -24.9240

Deuteranomaly

172.9310, 65.2010, -19.7510

Tritanomaly

178.0370, 51.3040, 6.3440

Monochromacy



Original Color

173.0670, 67.8140, -17.5460

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

172.8870, 24.9430, -6.0090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 173.0670, 67.8140, -17.5460 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(227, 166, 68)` looks like.

```
.text, #text, p{  
    color:rgb(227, 166, 68)  
}
```

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(227, 166, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 166, 68) }
```

Border

The CSS property to change the border of an element to YIQ 173.0670, 67.8140, -17.5460 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(227, 166, 68) }
```


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

```
.border{ border-color:rgb(227, 166, 68) }
```

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

Here you see how a box with a 4 pixel rgb(227, 166, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 166, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 166, 68);  
box-shadow:4px 4px 4px 4px rgb(227, 166,  
68) }
```

Background

The CSS property to change the background color of an element to YIQ 173.0670, 67.8140, -17.5460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 166, 68) }
```

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

```
.background{ background-color: rgb(227,  
166, 68) }
```

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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