

Converting Colors

YIQ(179.1030, 58.9650,
-16.8670)

Have a look what the booklet for
YIQ(179.1030, 58.9650, -16.8670)
contains.

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Color

**YIQ(179.1030, 58.9650,
-16.8670)**

Conversions

Conversions Part 1

Format	Color
Hex	E1AE55
RGB	225, 174, 85
RGB Percent	88%, 68%, 33%
CMY	0.1176, 0.3177, 0.6664
CMYK	0.00, 0.23, 0.62, 0.12
HSL	38°, 70%, 61%
HSV	38°, 62%, 88%
XYZ	47.8312, 46.9311, 15.1481
YIQ	179.1030, 58.9650, -16.8670

Conversions

Conversions Part 2

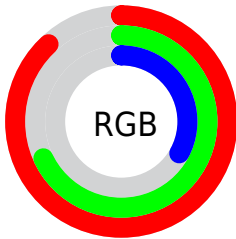
Format	Color
RYB	165, 225, 85
Decimal	14790229
CIELab	74.15, 9.15, 51.79
CIELCh	74, 52.593, 79.985
Yxy	46.9311, 0.4352, 0.4270
Android (android.graphics.Color)	4292980309 (0xFFE1AE55)
YUV	179.1030, -46.3928, 40.2517
Hunter-Lab	68.5063, 4.7431, 34.8442

Details

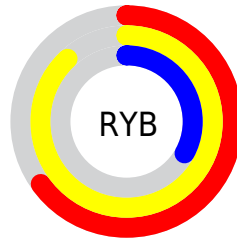
The YIQ color **179.1030, 58.9650, -16.8670** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **130.8970, -58.9650, 16.8670**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.2860, 45.0280, -23.1000**, and **125.0100, 54.7930, -18.3510** is the 20% darker color. If you saturate the color by 10%, you get **171.8990, 68.2270, -19.5250**, and if you desaturate by 10%, it is **186.4210, 49.3820, -13.8980**.

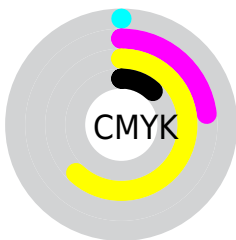
Distribution



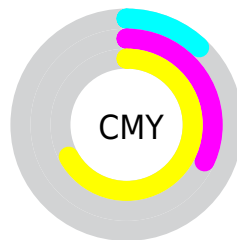
- Red (88%)
- Green (68%)
- Blue (33%)



- Red (65%)
- Yellow (88%)
- Blue (33%)



- Cyan (0%)
- Magenta (23%)
- Yellow (62%)
- Black (12%)



- Cyan (12%)
- Magenta (32%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.1030, 58.9650, -16.8670 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 179.1030, 58.9650, -16.8670 by changing the saturation by 10% instead.

■ 179.1030, 58.9650,
-16.8670

■ 179.1030, 58.9650,
-16.8670

■ 255.0000, -0.0000,
-0.0000

■ 151.3200, 56.8560,
-17.1920

■ 226.4000, 44.7070,
-22.7890

■ 125.0100, 54.7930,
-18.3510

■ 244.7400, 28.8900,
-27.9900

■ 98.2010, 55.5730,
-21.4750

■ 247.8180, 20.2230,
-19.5930

■ 75.7410, 45.4850,
-14.8590

■ 251.1240, 10.9140,
-10.5740

■ 54.4550, 34.8470,
-9.2890

■ 254.4300, 1.6050,
-1.5550

■ 34.3540, 25.1260,
-3.8180

■ 13.6770, 17.1470,

3.1230

■ 0.0000, 0.0000,
0.0000

■ 179.1030, 58.9650,
-16.8670

■ 179.1030, 58.9650,
-16.8670

■ 171.8990, 68.2270,
-19.5250

■ 186.4210, 49.3820,
-13.8980

■ 164.5810, 77.8100,
-22.4940

■ 193.6250, 40.1200,
-11.2400

■ 156.7900, 87.3470,
-24.6290

■ 201.5300, 30.2620,
-8.7940

■ 151.2160, 94.7750,
-27.0890

■ 208.7340, 21.0000,
-6.1360

■ 216.0520, 11.4170,
-3.1670

■ 223.2560, 2.1550,
-0.5090

■ 230.5740, -7.4280,
2.4600

■ 237.2250,
-13.7550, 1.4850

■ 241.9210,
-15.9550, -2.6990

Harmonies

Analogous

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



180.3570, 73.7700, 6.6820



179.1030, 58.9650, -16.8670



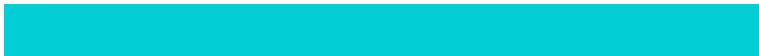
175.0830, 26.1860, -34.0540

Triad

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



179.1030, 58.9650, -16.8670



145.9050, -125.6190, -41.7070



187.6630, 12.8760, 41.9960

Complementary

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



179.1030, 58.9650, -16.8670



130.8970, -58.9650, 16.8670

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.



180.2220, -34.8950, 21.1770



179.1030, 58.9650, -16.8670



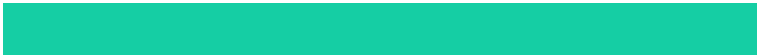
147.6440, -137.4050, -26.3410

Square

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



179.1030, 58.9650, -16.8670



145.8970, -96.7780, -52.2820



153.4350, -111.4110, -12.8430



183.1000, 48.1340, 41.7820

Rectangle

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



179.1030, 58.9650, -16.8670



170.3660, -2.6520, -40.0600



153.4350, -111.4110, -12.8430



186.6440, -3.3080, 37.9400

Sweetspot

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



179.1030, 58.9650, -16.8670



238.9620, 20.3580, -5.5140



132.6740, 67.0690, 45.5410



118.1230, 12.6550, -3.5770



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.



179.1030, 58.9650, -16.8670



192.1360, 80.5610, -22.7910



203.3590, 33.6160, -47.5680



108.3980, 4.6310, -1.3290



118.3680, 74.0960, -21.2640



32.5490, 20.0830, -6.0370

Inverse Universe

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



130.8970, -58.9650, 16.8670



126.2770, -80.2860, 23.3140



106.6410, -33.6160, 47.5680



104.6020, -4.6310, 1.3290



57.6320, -74.0960, 21.2640



16.0380, -20.3580, 5.5140

Previews

White Background



This preview shows how the YIQ color 179.1030, 58.9650, -16.8670 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 179.1030, 58.9650, -16.8670 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 179.1030, 58.9650, -16.8670

Background



This preview shows how black text looks on a background with the YIQ color 179.1030, 58.9650, -16.8670.



This preview shows how white text looks on a background with the YIQ color 179.1030, 58.9650, -16.8670.

-16.8670.

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

179.1030, 58.9650, -16.8670

Protanopia

177.8510, 41.8190, -25.5170

Deuteranopia

179.4020, 59.5610, -16.6550



Tritanopia

185.7000, 36.6760, 18.1480

Trichromacy



Original Color

179.1030, 58.9650, -16.8670

Protanomaly

178.3680, 47.7330, -22.5630

Deuteranomaly

179.4020, 59.5610, -16.6550

Tritanomaly

183.3890, 44.3810, 5.1570

Monochromacy



Original Color

179.1030, 58.9650, -16.8670

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

179.0330, 21.5960, -5.9240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.1030, 58.9650, -16.8670 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(225, 174, 85)` looks like.

```
.text, #text, p{  
    color:rgb(225, 174, 85)  
}
```

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(225, 174, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 174, 85) }
```

Border

The CSS property to change the border of an element to YIQ 179.1030, 58.9650, -16.8670 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(225, 174, 85) }
```


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

```
.border{ border-color:rgb(225, 174, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 174, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 174, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 174, 85);  
box-shadow:4px 4px 4px 4px rgb(225, 174,  
85) }
```

Background

The CSS property to change the background color of an element to YIQ 179.1030, 58.9650, -16.8670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 174, 85) }
```

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

```
.background{ background-color: rgb(225,  
174, 85) }
```

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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