

Converting Colors

YIQ(173.2770, 58.4150,
-17.9130)

Have a look what the booklet for
YIQ(173.2770, 58.4150, -17.9130)
contains.

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Color

**YIQ(173.2770, 58.4150,
-17.9130)**

Conversions

Conversions Part 1

Format	Color
Hex	DAA94E
RGB	218, 169, 78
RGB Percent	85%, 66%, 31%
CMY	0.1450, 0.3373, 0.6938
CMYK	0.00, 0.22, 0.64, 0.15
HSL	39°, 65%, 58%
HSV	39°, 64%, 85%
XYZ	44.4800, 43.8271, 13.3374
YIQ	173.2770, 58.4150, -17.9130

Conversions

Conversions Part 2

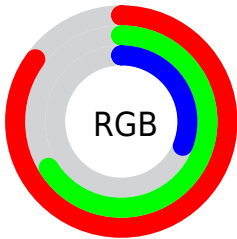
Format	Color
RYB	153, 218, 78
Decimal	14330190
CIELab	72.11, 8.39, 52.59
CIELCh	72, 53.258, 80.931
Yxy	43.8271, 0.4376, 0.4312
Android (android.graphics.Color)	4292520270 (0xFFDAA94E)
YUV	173.2770, -46.9716, 39.2221
Hunter-Lab	66.2021, 4.0775, 34.3966

Details

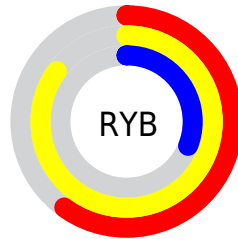
The YIQ color **173.2770, 58.4150, -17.9130** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **122.7230, -58.4150, 17.9130**, and the grayscale version is **174.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **222.5530, 48.6500, -22.6620**, and **119.0700, 54.5640, -19.7080** is the 20% darker color. If you saturate the color by 10%, you get **166.0730, 67.6770, -20.5710**, and if you desaturate by 10%, it is **180.4810, 49.1530, -15.2550**.

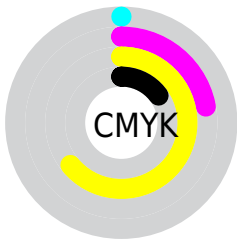
Distribution



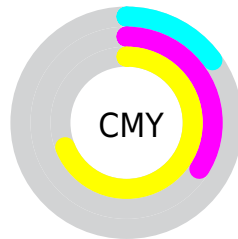
- Red (85%)
- Green (66%)
- Blue (31%)



- Red (60%)
- Yellow (85%)
- Blue (31%)



- Cyan (0%)
- Magenta (22%)
- Yellow (64%)
- Black (15%)



- Cyan (15%)
- Magenta (34%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 173.2770, 58.4150, -17.9130 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 173.2770, 58.4150, -17.9130 by changing the saturation by 10% instead.

■ 173.2770, 58.4150,
-17.9130

■ 173.2770, 58.4150,
-17.9130

■ 255.0000, -0.0000,
-0.0000

■ 146.0810, 56.0310,
-18.7610

■ 222.5530, 48.6500,
-22.6620

■ 119.0700, 54.5640,
-19.7080

■ 242.6540, 32.0080,
-29.4320

■ 93.7600, 52.5010,
-20.8670

■ 247.0200, 22.4700,
-21.7700

■ 71.3000, 42.4130,
-14.2510

■ 250.2120, 13.4820,
-13.0620

■ 50.3130, 32.3710,
-8.4690

■ 253.5180, 4.1730,
-4.0430

■ 30.7990, 22.3750,
-3.5210

■ 8.3610, 15.2210,

4.9890

■ 0.0000, 0.0000,
0.0000

■ 173.2770, 58.4150,
-17.9130

■ 173.2770, 58.4150,
-17.9130

■ 166.0730, 67.6770,
-20.5710

■ 180.4810, 49.1530,
-15.2550

■ 159.4560, 76.6640,
-23.7520

■ 187.0980, 40.1660,
-12.0740

■ 152.3660, 85.6050,
-26.0990

■ 194.1880, 31.2250,
-9.7270

■ 148.5360, 90.8780,
-28.0500

■ 201.3920, 21.9630,
-7.0690

■ 208.0090, 12.9760,
-3.8880

■ 215.2130, 3.7140,
-1.2300

■ 221.8300, -5.2730,
1.9510

■ 228.9200,
-14.2140, 4.2980

■ 233.9580,
-17.3770, 1.0470

Harmonies

Analogous

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



175.7270, 75.6040, 6.4840



173.2770, 58.4150, -17.9130



168.7840, 25.5900, -34.2660

Triad

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



173.2770, 58.4150, -17.9130



141.9270, -122.6850, -39.8130



182.2610, 14.0680, 42.4200

Complementary

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



173.2770, 58.4150, -17.9130



122.7230, -58.4150, 17.9130

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.



175.5040, -35.6290, 23.4670



173.2770, 58.4150, -17.9130



144.2530, -134.7460, -24.9700

Square

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



173.2770, 58.4150, -17.9130



135.6400, -106.3600, -54.8400



144.8300, -119.8930, -13.3090



178.7800, 52.0310, 42.7430

Rectangle

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



173.2770, 58.4150, -17.9130



164.4690, -4.4400, -40.6960



144.8300, -119.8930, -13.3090



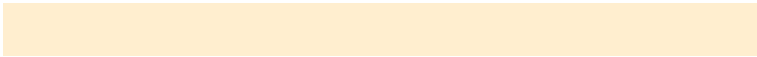
181.7690, -2.1620, 39.1980

Sweetspot

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



173.2770, 58.4150, -17.9130



239.5490, 20.0830, -6.0370



125.6740, 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.



173.2770, 58.4150, -17.9130



192.1530, 81.8910, -24.8690



196.3590, 33.6160, -47.5680



106.3980, 4.6310, -1.3290



118.0580, 72.0330, -22.4230



31.3640, 19.1660, -5.9380

Inverse Universe

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



122.7230, -58.4150, 17.9130



121.2600, -81.6160, 25.3920



99.6410, -33.6160, 47.5680



102.6020, -4.6310, 1.3290



55.5290, -72.3080, 21.9000



14.6360, -19.1660, 5.9380

Previews

White Background



This preview shows how the YIQ color 173.2770, 58.4150, -17.9130 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 173.2770, 58.4150, -17.9130 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 173.2770, 58.4150, -17.9130

Background



This preview shows how black text looks on a background with the YIQ color 173.2770, 58.4150, -17.9130.



This preview shows how white text looks on a background with the YIQ color 173.2770, 58.4150, -17.9130.

-17.9130.

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

173.2770, 58.4150, -17.9130

Protanopia

171.7370, 42.1400, -25.8280

Deuteranopia

172.9890, 59.2860, -17.1780



Tritanopia

180.1020, 35.4840, 17.7240

Trichromacy



Original Color

173.2770, 58.4150, -17.9130

Protanomaly

172.2540, 48.0540, -22.8740

Deuteranomaly

172.9890, 59.2860, -17.1780

Tritanomaly

177.6770, 43.5100, 4.4220

Monochromacy



Original Color

173.2770, 58.4150, -17.9130

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

173.2070, 21.0460, -6.9700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 173.2770, 58.4150, -17.9130 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(218, 169, 78)` looks like.

```
.text, #text, p{  
    color:rgb(218, 169, 78)  
}
```

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(218, 169, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 169, 78) }
```

Border

The CSS property to change the border of an element to YIQ 173.2770, 58.4150, -17.9130 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(218, 169, 78) }
```


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

```
.border{ border-color:rgb(218, 169, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 169, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 169, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 169, 78);  
box-shadow:4px 4px 4px 4px rgb(218, 169,  
78) }
```

Background

The CSS property to change the background color of an element to YIQ 173.2770, 58.4150, -17.9130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 169, 78) }
```

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

```
.background{ background-color: rgb(218,  
169, 78) }
```

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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