

Converting Colors

YIQ(171.5800, 35.9930, -8.0310)

Have a look what the booklet for
YIQ(171.5800, 35.9930, -8.0310)
contains.

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Color

**YIQ(171.5800, 35.9930,
-8.0310)**

Conversions

Conversions Part 1

Format	Color
Hex	C9A776
RGB	201, 167, 118
RGB Percent	79%, 65%, 46%
CMY	0.2117, 0.3451, 0.5371
CMYK	0.00, 0.17, 0.41, 0.21
HSL	35°, 43%, 63%
HSV	35°, 41%, 79%
XYZ	41.1797, 41.3605, 22.9669
YIQ	171.5800, 35.9930, -8.0310

Conversions

Conversions Part 2

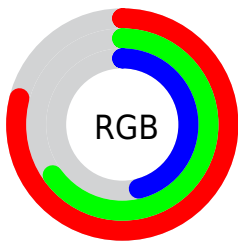
Format	Color
RYB	176, 201, 118
Decimal	13215606
CIELab	70.43, 5.81, 29.96
CIELCh	70, 30.517, 79.027
Yxy	41.3605, 0.3903, 0.3920
Android (android.graphics.Color)	4291405686 (0xFFC9A776)
YUV	171.5800, -26.4149, 25.8013
Hunter-Lab	64.3122, 1.7489, 23.8451

Details

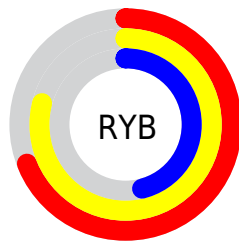
The YIQ color **171.5800, 35.9930, -8.0310** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **147.4200, -35.9930, 8.0310**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.0530, 36.0390, -8.8650**, and **118.7260, 32.6460, -7.9460** is the 20% darker color. If you saturate the color by 10%, you get **164.6040, 44.6130, -10.0670**, and if you desaturate by 10%, it is **178.5560, 27.3730, -5.9950**.

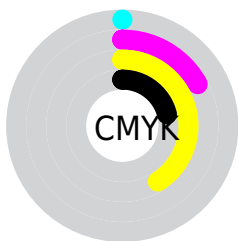
Distribution



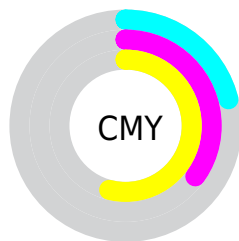
- Red (79%)
- Green (65%)
- Blue (46%)



- Red (69%)
- Yellow (79%)
- Blue (46%)



- Cyan (0%)
- Magenta (17%)
- Yellow (41%)
- Black (21%)



- Cyan (21%)
- Magenta (35%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 171.5800, 35.9930, -8.0310 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 171.5800, 35.9930, -8.0310 by changing the saturation by 10% instead.

 171.5800, 35.9930,
-8.0310


 171.5800, 35.9930,
-8.0310


255.0000, -0.0000,
-0.0000


 145.0960, 34.4800,
-8.1440


 226.0530, 36.0390,
-8.8650


 118.7260, 32.6460,
-7.9460


 246.1540, 19.3970,
-15.6350

 94.2420, 31.1330,
-8.0590

 251.6940, 9.3090,
-9.0190

 69.4590, 29.0240,
-8.3840

 46.4480, 27.5570,
-9.3310

 27.5320, 18.7530,
-3.9590

 4.7840, 9.5360,

3.3920

■ 0.0000, 0.0000,
0.0000

■ 171.5800, 35.9930,
-8.0310

■ 171.5800, 35.9930,
-8.0310

■ 164.6040, 44.6130,
-10.0670

■ 178.5560, 27.3730,
-5.9950

■ 157.6280, 53.2330,
-12.1030

■ 185.5320, 18.7530,
-3.9590

■ 150.0650, 62.1280,
-13.6160

■ 193.0950, 9.8580,
-2.4460

■ 143.0890, 70.7480,
-15.6520

■ 200.0710, 1.2380,
-0.4100

■ 136.1130, 79.3680,
-17.6880

■ 207.1610, -7.7030,
1.9370

■ 129.9520, 87.0710,
-19.6250

■ 214.1370,
-16.3230, 3.9730

■ 221.2440,
-23.9340, 4.2420

■ 225.9400,
-26.1340, 0.0580

■ 230.6360,
-28.3340, -4.1260

Harmonies

Analogous

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



173.4600, 45.6190, 4.7470



171.5800, 35.9930, -8.0310



168.9040, 17.1050, -18.1510

Triad

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



171.5800, 35.9930, -8.0310



156.7300, -61.4340, -21.0020



176.3610, 7.1940, 23.8180

Complementary

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



171.5800, 35.9930, -8.0310



147.4200, -35.9930, 8.0310

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.



173.1770, -21.8270, 15.6210



171.5800, 35.9930, -8.0310



158.6020, -66.5250, -11.3330

Square

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



171.5800, 35.9930, -8.0310



161.0130, -37.5460, -24.4100



166.4290, -49.3800, 2.8440



176.5670, 29.9810, 23.8450

Rectangle

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



171.5800, 35.9930, -8.0310



166.5860, 0.3250, -22.4190



166.4290, -49.3800, 2.8440



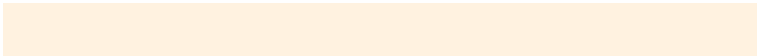
175.5170, -2.1130, 21.7830

Sweetspot

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



171.5800, 35.9930, -8.0310



243.8350, 13.5260, -2.8420



146.8070, 38.2330, 28.4810



121.2520, 7.9780, -1.4140



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.



171.5800, 35.9930, -8.0310



209.9980, 55.0670, -12.3010



189.4450, 22.4710, -27.2970



95.6260, 3.9890, -0.7070



105.0890, 70.7480, -15.6520



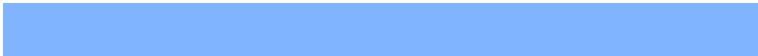
23.0910, 15.6810, -3.3510

Inverse Universe

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



147.4200, -35.9930, 8.0310



173.0020, -55.0670, 12.3010



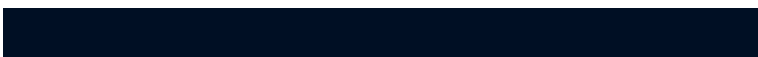
129.5550, -22.4710, 27.2970



93.3740, -3.9890, 0.7070



57.9110, -70.7480, 15.6520



12.9090, -15.6810, 3.3510

Previews

White Background



This preview shows how the YIQ color 171.5800, 35.9930, -8.0310 looks on a white background.

Color Contrast Check

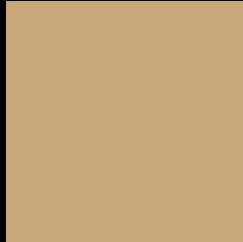
Large Text (above 18pt) WCAG AA × Fail

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 171.5800, 35.9930, -8.0310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

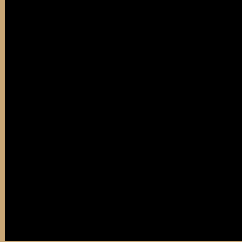
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 171.5800, 35.9930, -8.0310

Background



This preview shows how black text looks on a background with the YIQ color 171.5800, 35.9930, -8.0310.



This preview shows how white text looks on a background with the YIQ color 171.5800, 35.9930,

-8.0310.

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

171.5800, 35.9930, -8.0310

Protanopia

170.2580, 25.0360, -13.2040

Deuteranopia

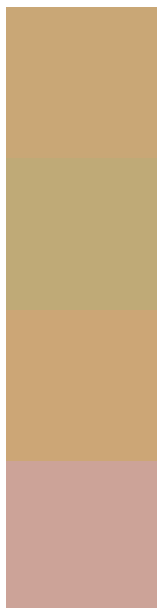
171.9010, 39.5230, -5.9250



Tritanopia

175.1220, 23.5640, 13.4840

Trichromacy



Original Color

171.5800, 35.9930, -8.0310

Protanomaly

170.4650, 28.8870, -11.4090

Deuteranomaly

171.8900, 38.0560, -6.8720

Tritanomaly

174.0050, 27.9670, 5.2710

Monochromacy



Original Color

171.5800, 35.9930, -8.0310

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

171.8350, 13.5260, -2.8420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.5800, 35.9930, -8.0310 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(201, 167, 118)` looks like.

```
.text, #text, p{  
    color:rgb(201, 167, 118)  
}
```

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(201, 167, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 167, 118) }
```

Border

The CSS property to change the border of an element to YIQ 171.5800, 35.9930, -8.0310 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(201, 167, 118) }
```


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

```
.border{ border-color:rgb(201, 167, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 167, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 167, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 167, 118);  
box-shadow:4px 4px 4px 4px rgb(201, 167,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 171.5800, 35.9930, -8.0310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 167, 118) }
```

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

```
.background{ background-color: rgb(201,  
167, 118) }
```

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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