

Converting Colors

YIQ(170.9820, 34.8010, -8.4550)

Have a look what the booklet for
YIQ(170.9820, 34.8010, -8.4550)
contains.

YIQ(170.9820, 34.8010, -8.4550)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(170.9820, 34.8010,
-8.4550)**

Conversions

Conversions Part 1

Format	Color
Hex	C7A776
RGB	199, 167, 118
RGB Percent	78%, 65%, 46%
CMY	0.2196, 0.3451, 0.5371
CMYK	0.00, 0.16, 0.41, 0.22
HSL	36°, 42%, 62%
HSV	36°, 41%, 78%
XYZ	40.6452, 41.0852, 22.9415
YIQ	170.9820, 34.8010, -8.4550

Conversions

Conversions Part 2

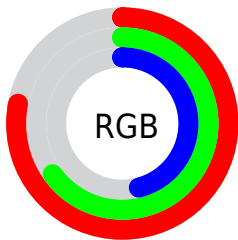
Format	Color
RYB	171, 199, 118
Decimal	13084534
CIELab	70.24, 4.99, 29.67
CIELCh	70, 30.089, 80.448
Yxy	41.0852, 0.3883, 0.3925
Android (android.graphics.Color)	4291274614 (0xFFC7A776)
YUV	170.9820, -26.1201, 24.5718
Hunter-Lab	64.0978, 1.0180, 23.6477

Details

The YIQ color **170.9820, 34.8010, -8.4550** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **146.0180, -34.8010, 8.4550**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.0530, 36.0390, -8.8650**, and **118.4270, 32.0500, -8.1580** is the 20% darker color. If you saturate the color by 10%, you get **164.0060, 43.4210, -10.4910**, and if you desaturate by 10%, it is **177.9580, 26.1810, -6.4190**.

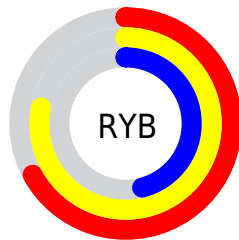
Distribution



Red (78%)

Green (65%)

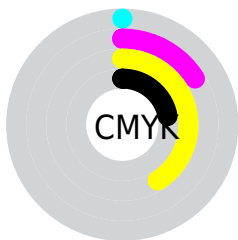
Blue (46%)



Red (67%)

Yellow (78%)

Blue (46%)

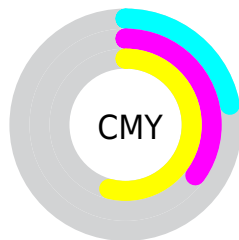


Cyan (0%)

Magenta (16%)

Yellow (41%)

Black (22%)



Cyan (22%)

Magenta (35%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.9820, 34.8010, -8.4550 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 170.9820, 34.8010, -8.4550 by changing the saturation by 10% instead.

■ 170.9820, 34.8010,
-8.4550

■ 170.9820, 34.8010,
-8.4550

255.0000, -0.0000,
-0.0000

■ 144.4980, 33.2880,
-8.5680

■ 226.0530, 36.0390,
-8.8650

■ 118.4270, 32.0500,
-8.1580

■ 246.1540, 19.3970,
-15.6350

■ 93.6440, 29.9410,
-8.4830

■ 251.6940, 9.3090,
-9.0190

■ 69.1600, 28.4280,
-8.5960

■ 46.1490, 26.9610,
-9.5430

■ 27.2330, 18.1570,
-4.1710

■ 4.1860, 8.3440,

2.9680

■ 0.0000, 0.0000,
0.0000

■ 170.9820, 34.8010,
-8.4550

■ 170.9820, 34.8010,
-8.4550

■ 164.0060, 43.4210,
-10.4910

■ 177.9580, 26.1810,
-6.4190

■ 157.0300, 52.0410,
-12.5270

■ 184.9340, 17.5610,
-4.3830

■ 150.0540, 60.6610,
-14.5630

■ 191.9100, 8.9410,
-2.3470

■ 143.6650, 69.0060,
-17.1220

■ 198.2990, 0.5960,
0.2120

■ 136.8030, 77.3050,
-18.8470

■ 205.2750, -8.0240,
2.2480

■ 129.9410, 85.6040,
-20.5720

■ 212.1370,
-16.3230, 3.9730

■ 218.8850,
-24.3010, 5.3870

■ 223.5810,
-26.5010, 1.2030

■ 228.2770,
-28.7010, -2.9810

Harmonies

Analogous

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



173.1610, 45.0230, 4.5350



170.9820, 34.8010, -8.4550



168.4200, 15.5920, -18.2640

Triad

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



170.9820, 34.8010, -8.4550



157.1430, -61.1590, -20.4790



175.5460, 8.1110, 23.7190

Complementary

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



170.9820, 34.8010, -8.4550



146.0180, -34.8010, 8.4550

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.



173.0740, -20.0390, 16.2570



170.9820, 34.8010, -8.4550



159.4990, -64.7370, -10.6970

Square

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



170.9820, 34.8010, -8.4550



160.2410, -38.1880, -23.7880



166.3260, -47.5920, 3.4800



175.7520, 30.8980, 23.7460

Rectangle

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



170.9820, 34.8010, -8.4550



166.1020, -1.1880, -22.5320



166.3260, -47.5920, 3.4800



175.0010, -0.6000, 21.8960

Sweetspot

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



170.9820, 34.8010, -8.4550



244.4220, 13.2510, -3.3650



145.8670, 38.0040, 27.1240



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.



170.9820, 34.8010, -8.4550



211.9870, 53.6000, -13.2480



187.3740, 21.2330, -26.8870



96.2130, 3.7140, -1.2300



106.8500, 69.9230, -17.2210



23.6780, 15.4060, -3.8740

Inverse Universe

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



146.0180, -34.8010, 8.4550



173.0130, -53.6000, 13.2480



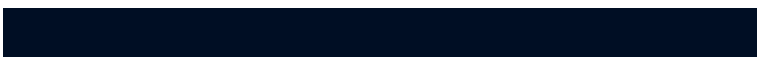
129.6260, -21.2330, 26.8870



92.7870, -3.7140, 1.2300



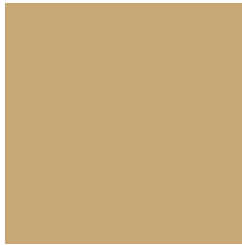
56.7370, -70.1980, 16.6980



12.3220, -15.4060, 3.8740

Previews

White Background



This preview shows how the YIQ color 170.9820, 34.8010, -8.4550 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 170.9820, 34.8010, -8.4550 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 170.9820, 34.8010, -8.4550

Background



This preview shows how black text looks on a background with the YIQ color 170.9820, 34.8010, -8.4550.



This preview shows how white text looks on a background with the YIQ color 170.9820, 34.8010, -8.4550.

-8.4550.

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

170.9820, 34.8010, -8.4550

Protanopia

170.2580, 25.0360, -13.2040

Deuteranopia

171.1290, 38.8810, -5.3030



Tritanopia

174.8230, 22.9680, 13.2720

Trichromacy



Original Color

170.9820, 34.8010, -8.4550

Protanomaly

170.4650, 28.8870, -11.4090

Deuteranomaly

171.1180, 37.4140, -6.2500

Tritanomaly

173.7060, 27.3710, 5.0590

Monochromacy



Original Color

170.9820, 34.8010, -8.4550

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

171.2370, 12.3340, -3.2660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.9820, 34.8010, -8.4550 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(199, 167, 118)` looks like.

```
.text, #text, p{  
    color:rgb(199, 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(199, 167, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 167, 118) }
```

Border

The CSS property to change the border of an element to YIQ 170.9820, 34.8010, -8.4550 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(199, 167, 118) }
```


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

```
.border{ border-color:rgb(199, 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(199, 167, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 167, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 167, 118);  
box-shadow:4px 4px 4px 4px rgb(199, 167,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 170.9820, 34.8010, -8.4550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 167, 118) }
```

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

```
.background{ background-color: rgb(199,  
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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