

Converting Colors

YIQ(173.7910, 34.0210, -5.3310)

Have a look what the booklet for
YIQ(173.7910, 34.0210, -5.3310)
contains.

YIQ(173.7910, 34.0210, -5.3310)	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(173.7910, 34.0210,
-5.3310)**

Conversions

Conversions Part 1

Format	Color
Hex	CBA87F
RGB	203, 168, 127
RGB Percent	80%, 66%, 50%
CMY	0.2039, 0.3412, 0.5018
CMYK	0.00, 0.17, 0.37, 0.20
HSL	32°, 42%, 65%
HSV	32°, 37%, 80%
XYZ	42.4660, 42.2318, 26.0066
YIQ	173.7910, 34.0210, -5.3310

Conversions

Conversions Part 2

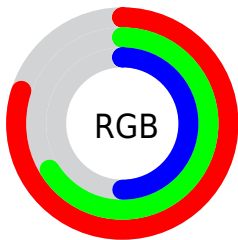
Format	Color
RYB	192, 203, 127
Decimal	13346943
CIELab	71.03, 7.11, 25.96
CIELCh	71, 26.918, 74.684
Yxy	42.2318, 0.3836, 0.3815
Android (android.graphics.Color)	4291537023 (0xFFCBA87F)
YUV	173.7910, -23.0680, 25.6163
Hunter-Lab	64.9860, 2.9180, 21.7631

Details

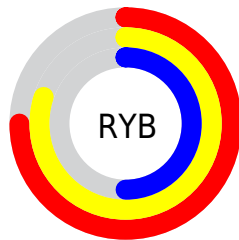
The YIQ color **173.7910, 34.0210, -5.3310** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **156.2090, -34.0210, 5.3310**, and the grayscale version is **174.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.6660, 32.8750, -6.5890**, and **120.8230, 30.9950, -5.5570** is the 20% darker color. If you saturate the color by 10%, you get **166.2280, 42.9160, -6.8440**, and if you desaturate by 10%, it is **181.3540, 25.1260, -3.8180**.

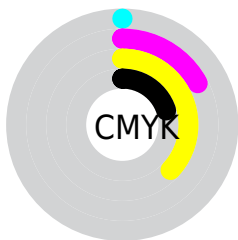
Distribution



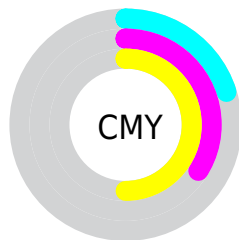
- Red (80%)
- Green (66%)
- Blue (50%)



- Red (75%)
- Yellow (80%)
- Blue (50%)



- Cyan (0%)
- Magenta (17%)
- Yellow (37%)
- Black (20%)





- Cyan (20%)
- Magenta (34%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 173.7910, 34.0210, -5.3310 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 173.7910, 34.0210, -5.3310 by changing the saturation by 10% instead.


 173.7910, 34.0210,
-5.3310


 173.7910, 34.0210,
-5.3310


255.0000, -0.0000,
-0.0000


 147.3070, 32.5080,
-5.4440


 227.6660, 32.8750,
-6.5890


 120.8230, 30.9950,
-5.5570


 247.8810, 15.9120,
-13.0480

 96.3390, 29.4820,
-5.6700

 252.8340, 6.0990,
-5.9090

 71.9690, 27.6480,
-5.4720

 49.0720, 25.8600,
-6.1080

 28.4290, 20.5410,
-3.3230

 6.2790, 12.5160,

4.4520

■ 0.0000, 0.0000,
0.0000

■ 173.7910, 34.0210,
-5.3310

■ 173.7910, 34.0210,
-5.3310

■ 166.2280, 42.9160,
-6.8440

■ 181.3540, 25.1260,
-3.8180

■ 157.9640, 52.4070,
-8.1450

■ 189.6180, 15.6350,
-2.5170

■ 150.4010, 61.3020,
-9.6580

■ 197.1810, 6.7400,
-1.0040

■ 142.8380, 70.1970,
-11.1710

■ 204.7440, -2.1550,
0.5090

■ 134.6880, 79.3670,
-12.1610

■ 213.0080,
-11.6460, 1.8100

■ 127.0110, 88.5830,
-13.9850

■ 220.5710,
-20.5410, 3.3230

■ 124.6800, 91.0130,
-13.9710

■ 227.1250,
-25.2170, -0.0410

■ 232.4080,
-27.6920, -4.7480

■ 237.6910,
-30.1670, -9.4550

Harmonies

Analogous

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



175.3610, 41.5840, 6.2880



173.7910, 34.0210, -5.3310



171.1970, 17.8380, -14.9140

Triad

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



173.7910, 34.0210, -5.3310



162.5420, -49.1010, -18.7410



176.9150, 2.5180, 20.4540

Complementary

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



173.7910, 34.0210, -5.3310



156.2090, -34.0210, 5.3310

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.



173.9980, -22.8810, 12.6950



173.7910, 34.0210, -5.3310



162.9900, -55.9340, -10.5420

Square

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



173.7910, 34.0210, -5.3310



165.0850, -28.8810, -21.7530



168.5280, -45.3450, 1.3030



177.7620, 24.9380, 21.6260

Rectangle

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



173.7910, 34.0210, -5.3310



169.5480, 3.4880, -19.1680



168.5280, -45.3450, 1.3030



176.5550, -5.2760, 18.5320

Sweetspot

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



173.7910, 34.0210, -5.3310



244.1770, 12.5630, -1.9090



153.7140, 34.0610, 26.9970



121.3660, 7.6570, -1.1030



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.



173.7910, 34.0210, -5.3310



210.7790, 51.4900, -8.0460



193.4390, 22.6080, -24.2720



97.9250, 4.5850, -0.4950



101.8770, 74.4610, -11.3550



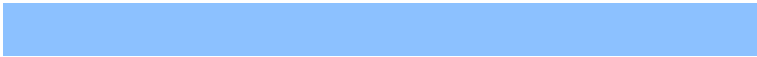
23.6890, 16.8730, -2.9270

Inverse Universe

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



156.2090, -34.0210, 5.3310



184.2210, -51.4900, 8.0460



136.5610, -22.6080, 24.2720



96.0750, -4.5850, 0.4950



63.5360, -74.1860, 11.8780



14.8980, -17.1480, 2.4040

Previews

White Background



This preview shows how the YIQ color 173.7910, 34.0210, -5.3310 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 173.7910, 34.0210, -5.3310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

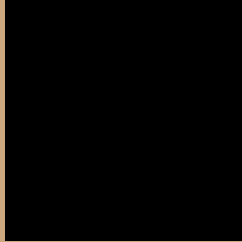
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 173.7910, 34.0210, -5.3310

Background



This preview shows how black text looks on a background with the YIQ color 173.7910, 34.0210, -5.3310.



This preview shows how white text looks on a background with the YIQ color 173.7910, 34.0210,

-5.3310.

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

173.7910, 34.0210, -5.3310

Protanopia

172.8710, 21.8720, -10.9280

Deuteranopia

174.1010, 36.0840, -4.1720



Tritanopia

177.1220, 23.5640, 13.4840

Trichromacy



Original Color

173.7910, 34.0210, -5.3310

Protanomaly

173.3770, 26.3190, -8.9210

Deuteranomaly

173.8020, 35.4880, -4.3840

Tritanomaly

175.7600, 27.2790, 6.7270

Monochromacy



Original Color

173.7910, 34.0210, -5.3310

Achromatopsia

174.0000, -0.0000, -0.0000

Achromatomaly

174.1770, 12.5630, -1.9090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 173.7910, 34.0210, -5.3310 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(203, 168, 127)` looks like.

```
.text, #text, p{  
    color:rgb(203, 168, 127)  
}
```

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(203, 168, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 168, 127) }
```

Border

The CSS property to change the border of an element to YIQ 173.7910, 34.0210, -5.3310 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(203, 168, 127) }
```


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

```
.border{ border-color:rgb(203, 168, 127) }
```

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

Here you see how a box with a 4 pixel rgb(203, 168, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 168, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 168, 127);  
box-shadow:4px 4px 4px 4px rgb(203, 168,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 173.7910, 34.0210, -5.3310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 168, 127) }
```

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

```
.background{ background-color: rgb(203,  
168, 127) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor