

Converting Colors

YIQ(176.7130, 34.6610, 5.1010)

Have a look what the booklet for
YIQ(176.7130, 34.6610, 5.1010)
contains.

YIQ(176.7130, 34.6610, 5.1010)	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(176.7130, 34.6610,
5.1010)**

Conversions

Conversions Part 1

Format	Color
Hex	D5A493
RGB	213, 164, 147
RGB Percent	84%, 64%, 58%
CMY	0.1646, 0.3569, 0.4234
CMYK	0.00, 0.23, 0.31, 0.16
HSL	15°, 44%, 71%
HSV	15°, 31%, 84%
XYZ	45.9897, 42.8015, 33.4572
YIQ	176.7130, 34.6610, 5.1010

Conversions

Conversions Part 2

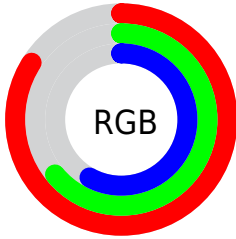
Format	Color
R _Y B	213, 170, 147
Decimal	14001299
CIE Lab	71.42, 15.72, 15.76
CIE LCh	71, 22.265, 45.073
Yxy	42.8015, 0.3762, 0.3501
Android (android.graphics.Color)	4292191379 (0xFFD5A493)
YUV	176.7130, -14.6485, 31.8237
Hunter-Lab	65.4229, 10.9884, 15.4752

Details

The YIQ color **176.7130, 34.6610, 5.1010** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **183.2870, -34.6610, -5.1010**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **227.7120, 27.2340, 2.0340**, and **123.6310, 31.9560, 4.5640** is the 20% darker color. If you saturate the color by 10%, you get **164.9270, 45.8020, 6.9380**, and if you desaturate by 10%, it is **188.4990, 23.5200, 3.2640**.

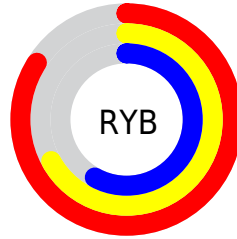
Distribution



Red (84%)

Green (64%)

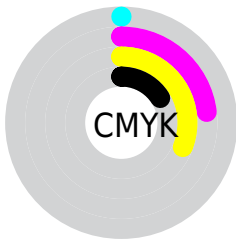
Blue (58%)



Red (84%)

Yellow (67%)

Blue (58%)

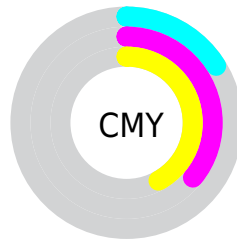


Cyan (0%)

Magenta (23%)

Yellow (31%)

Black (16%)



Cyan (16%)


Magenta (36%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 176.7130, 34.6610, 5.1010 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 176.7130, 34.6610, 5.1010 by changing the saturation by 10% instead.


 176.7130, 34.6610,
5.1010


 176.7130, 34.6610,
5.1010


255.0000, -0.0000,
-0.0000


 150.1150, 33.4690,
4.6770


 227.7120, 27.2340,
2.0340


 123.6310, 31.9560,
4.5640

 247.9270, 10.2710,
-4.4250

 98.2610, 30.1220,
4.7620

 74.3640, 28.3340,
4.1260

 51.5810, 26.2250,
3.8010

 28.3420, 25.4000,
2.2320

 9.8670, 19.6680,

6.9960

■ 0.0000, 0.0000,
0.0000

■ 176.7130, 34.6610,
5.1010

■ 176.7130, 34.6610,
5.1010

■ 164.9270, 45.8020,
6.9380

■ 188.4990, 23.5200,
3.2640

■ 153.0270, 57.2640,
8.4640

■ 200.3990, 12.0580,
1.7380

■ 141.2410, 68.4050,
10.3010

■ 211.5980, 1.1920,
0.4240

■ 130.0420, 79.2710,
11.6150

■ 223.3840, -9.9490,
-1.4130

■ 118.2560, 90.4120,
13.4520

■ 235.2840,
-21.4110, -2.9390

■ 106.3560,
101.8740, 14.9780

■ 242.4420,
-25.0320, -8.9040

■ 95.9720, 111.8230,
16.3910

Harmonies

Analogous

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



178.2000, 32.0920, 13.1160



176.7130, 34.6610, 5.1010



175.0940, 28.7940, -4.2140

Triad

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



176.7130, 34.6610, 5.1010



168.2430, -23.3340, -17.6540



175.2820, -17.9290, 11.0550

Complementary

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



176.7130, 34.6610, 5.1010



183.2870, -34.6610, -5.1010

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.



171.3180, -35.9460, 1.6700



176.7130, 34.6610, 5.1010



166.7390, -39.2900, -14.8260

Square

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



176.7130, 34.6610, 5.1010



170.1220, -3.9400, -16.7080



167.0300, -44.2430, -7.6590



177.8070, 2.7020, 17.1180

Rectangle

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



176.7130, 34.6610, 5.1010



174.0280, 19.9920, -9.8960



167.0300, -44.2430, -7.6590



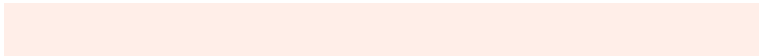
174.4660, -24.4390, 7.8890

Sweetspot

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



176.7130, 34.6610, 5.1010



242.3990, 12.0580, 1.7380



172.4340, 23.2860, 29.5420



119.8330, 7.8400, 1.0880



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.



176.7130, 34.6610, 5.1010



203.1940, 49.4240, 7.3760



196.0840, 25.5860, -12.1580



101.0500, 5.7310, 0.7630



76.9570, 89.8160, 13.2400



19.3140, 22.6030, 3.3630

Inverse Universe

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



183.2870, -34.6610, -5.1010



212.8060, -49.4240, -7.3760



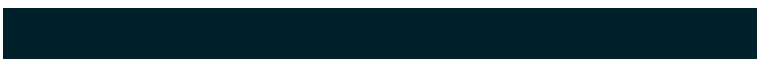
164.5030, -25.8610, 11.6350



101.9500, -5.7310, -0.7630



94.0430, -89.8160, -13.2400



23.6860, -22.6030, -3.3630

Previews

White Background



This preview shows how the YIQ color 176.7130, 34.6610, 5.1010 looks on a white background.

Color Contrast Check

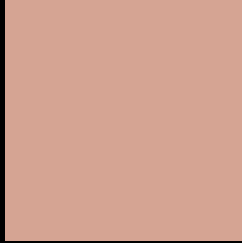
Large Text (above 18pt) WCAG AA × Fail

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 176.7130, 34.6610, 5.1010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

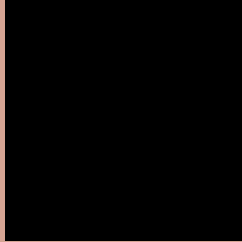
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 176.7130, 34.6610, 5.1010

Background



This preview shows how black text looks on a background with the YIQ color 176.7130, 34.6610, 5.1010.



This preview shows how white text looks on a background with the YIQ color 176.7130, 34.6610,

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

176.7130, 34.6610, 5.1010

Protanopia

175.0690, 12.7470, -5.2450

Deuteranopia

175.6580, 27.3260, 0.3660



Tritanopia

178.2260, 29.2030, 15.9150

Trichromacy



Original Color

176.7130, 34.6610, 5.1010

Protanomaly

175.7820, 21.0450, -1.4430

Deuteranomaly

176.2670, 29.9850, 1.7370

Tritanomaly

177.4880, 31.2210, 12.3810

Monochromacy



Original Color

176.7130, 34.6610, 5.1010

Achromatopsia

177.0000, -0.0000, 0.0000

Achromatomaly

176.6980, 12.6540, 1.9500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.7130, 34.6610, 5.1010 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(213, 164, 147)` looks like.

```
.text, #text, p{  
    color:rgb(213, 164, 147)  
}
```

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(213, 164, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 164, 147) }
```

Border

The CSS property to change the border of an element to YIQ 176.7130, 34.6610, 5.1010 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(213, 164, 147) }
```


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

```
.border{ border-color:rgb(213, 164, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 164, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 164, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 164, 147);  
box-shadow:4px 4px 4px 4px rgb(213, 164,  
147) }
```

Background

The CSS property to change the background color of an element to YIQ 176.7130, 34.6610, 5.1010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 164, 147) }
```

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

```
.background{ background-color: rgb(213,  
164, 147) }
```

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