

# Converting Colors

YIQ(181.9410, 34.0190, 5.7230)

Have a look what the booklet for  
YIQ(181.9410, 34.0190, 5.7230)  
contains.

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# Color

**YIQ(181.9410, 34.0190,  
5.7230)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DAA99A
RGB	218, 169, 154
RGB Percent	85%, 66%, 60%
CMY	0.1450, 0.3373, 0.3959
CMYK	0.00, 0.22, 0.29, 0.14
HSL	14°, 46%, 73%
HSV	14°, 29%, 86%
XYZ	48.9416, 45.6122, 36.8127
YIQ	181.9410, 34.0190, 5.7230

# Conversions

## Conversions Part 2

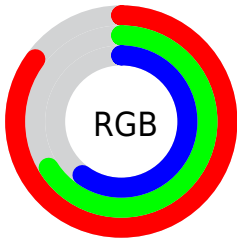
Format	Color
R <sub>Y</sub> B	218, 174, 154
Decimal	14330266
CIE Lab	73.29, 15.87, 14.62
CIE LCh	73, 21.584, 42.653
Yxy	45.6122, 0.3726, 0.3472
Android (android.graphics.Color)	4292520346 (0xFFDAA99A)
YUV	181.9410, -13.7749, 31.6237
Hunter-Lab	67.5368, 11.1633, 14.9582

# Details

The YIQ color **181.9410, 34.0190, 5.7230** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **190.0590, -34.0190, -5.7230**, and the grayscale version is **182.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.4450, 23.6120, 1.5960**, and **128.8590, 31.3140, 5.1860** is the 20% darker color. If you saturate the color by 10%, you get **169.4540, 45.7560, 7.7720**, and if you desaturate by 10%, it is **194.4280, 22.2820, 3.6740**.

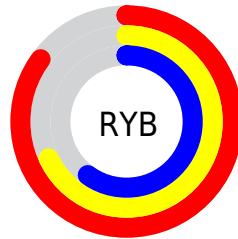
# Distribution



Red (85%)

Green (66%)

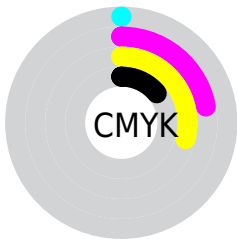
Blue (60%)



Red (85%)

Yellow (68%)

Blue (60%)

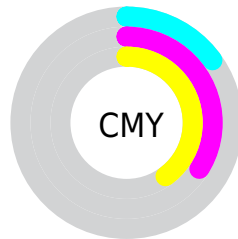


Cyan (0%)

Magenta (22%)

Yellow (29%)

Black (14%)



Cyan (15%)

Magenta (34%)


Yellow (40%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 181.9410, 34.0190, 5.7230 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 181.9410, 34.0190, 5.7230 by changing the saturation by 10% instead.





 181.9410, 34.0190,  
5.7230

 181.9410, 34.0190,  
5.7230


255.0000, -0.0000,  
-0.0000


 154.7560, 33.1020,  
5.8220


 231.4450, 23.6120,  
1.5960


 128.8590, 31.3140,  
5.1860

 251.7740, 6.3280,  
-4.5520

 103.3750, 29.8010,  
5.0730

 78.8910, 28.2880,  
4.9600

 55.6950, 25.9040,  
4.1120

 33.2110, 24.3910,  
3.9990

 11.0630, 22.0520,

7.8440

■ 0.0000, 0.0000,  
0.0000

■ 181.9410, 34.0190,  
5.7230

■ 181.9410, 34.0190,  
5.7230

■ 169.4540, 45.7560,  
7.7720

■ 194.4280, 22.2820,  
3.6740

■ 157.5540, 57.2180,  
9.2980

■ 206.3280, 10.8200,  
2.1480

■ 145.1810, 68.6340,  
11.6580

■ 218.7010, -0.5960,  
-0.2120

■ 132.6940, 80.3710,  
13.7070

■ 231.1880,  
-12.3330, -2.2610

■ 120.2070, 92.1080,  
15.7560

■ 242.7630,  
-21.5020, -6.7980

■ 108.3070,  
103.5700, 17.2820

■ 243.9370,  
-22.0520, -7.8440

■ 95.8200, 115.3070,  
19.3310

■ 95.1190, 115.9030,  
19.5430

# Harmonies

## Analogous

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



183.1290, 30.8540, 13.5260



181.9410, 34.0190, 5.7230



180.6210, 28.7480, -3.3800

# Triad

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



181.9410, 34.0190, 5.7230



173.1400, -21.5460, -17.0180



180.1570, -19.0750, 9.7970

# Complementary

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



181.9410, 34.0190, 5.7230



190.0590, -34.0190, -5.7230

# 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.



176.0900, -35.3040, 1.0480



181.9410, 34.0190, 5.7230



171.8210, -36.5850, -14.2890

# Square

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



181.9410, 34.0190, 5.7230



175.9050, -1.8310, -16.3830



172.9870, -42.6840, -8.3800



182.7960, 1.2350, 16.1710



# Rectangle

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



181.9410, 34.0190, 5.7230



178.8540, 20.5420, -8.8500



172.9870, -42.6840, -8.3800



178.7540, -25.3100, 7.1540

# Sweetspot

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



181.9410, 34.0190, 5.7230



241.8120, 12.3330, 2.2610



178.7220, 22.4150, 28.8070



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.



181.9410, 34.0190, 5.7230



204.9380, 47.2690, 7.8850



200.7250, 25.2190, -11.0130



103.4630, 6.0060, 1.2860



75.7940, 91.8330, 15.2330



20.2110, 24.3910, 3.9990



# Inverse Universe

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



190.0590, -34.0190, -5.7230



216.0620, -47.2690, -7.8850



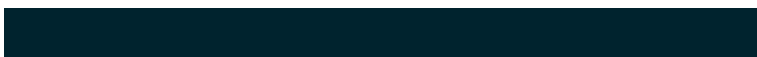
171.2750, -25.2190, 11.0130



104.9500, -5.7310, -0.7630



97.7930, -92.1080, -15.7560



25.7890, -24.3910, -3.9990



# Previews

## White Background



This preview shows how the YIQ color 181.9410, 34.0190, 5.7230 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 181.9410, 34.0190, 5.7230 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

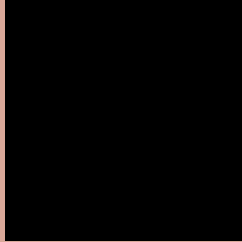
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 181.9410, 34.0190, 5.7230

## Background



This preview shows how black text looks on a background with the YIQ color 181.9410, 34.0190, 5.7230.



This preview shows how white text looks on a background with the YIQ color 181.9410, 34.0190,

5.7230.

# 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

181.9410, 34.0190, 5.7230

### Protanopia

179.9980, 11.5090, -4.8350

### Deuteranopia

180.8860, 26.6840, 0.9880



## Tritanopia

183.2260, 29.2030, 15.9150

# Trichromacy



**Original Color**

181.9410, 34.0190, 5.7230

**Protanomaly**

180.7110, 19.8070, -1.0330

**Deuteranomaly**

181.4950, 29.3430, 2.3590

**Tritanomaly**

182.4880, 31.2210, 12.3810

# Monochromacy



**Original Color**

181.9410, 34.0190, 5.7230

**Achromatopsia**

182.0000, -0.0000, -0.0000

**Achromatomaly**

181.8120, 12.3330, 2.2610

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 181.9410, 34.0190, 5.7230 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, 154)` looks like.

```
.text, #text, p{  
    color:rgb(218, 169, 154)  
}
```

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, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 169, 154) }
```

## Border

The CSS property to change the border of an element to YIQ 181.9410, 34.0190, 5.7230 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, 154) }
```



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

```
.border{ border-color:rgb(218, 169, 154) }
```

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, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 169, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 169, 154);  
box-shadow:4px 4px 4px 4px rgb(218, 169,  
154) }
```

# Background

The CSS property to change the background color of an element to YIQ 181.9410, 34.0190, 5.7230 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, 154) }
```

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

```
.background{ background-color: rgb(218,  
169, 154) }
```

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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