

# Converting Colors

YIQ(189.9180, 14.4900, -9.3020)

Have a look what the booklet for  
YIQ(189.9180, 14.4900, -9.3020)  
contains.

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# Color

**YIQ(189.9180, 14.4900,  
-9.3020)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C6C09E
RGB	198, 192, 158
RGB Percent	78%, 75%, 62%
CMY	0.2235, 0.2470, 0.3803
CMYK	0.00, 0.03, 0.20, 0.22
HSL	51°, 26%, 70%
HSV	51°, 20%, 78%
XYZ	48.3107, 52.1730, 39.8816
YIQ	189.9180, 14.4900, -9.3020

# Conversions

## Conversions Part 2

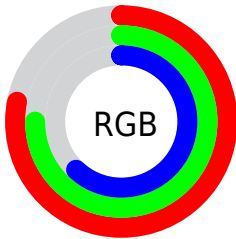
Format	Color
<a href="#">RYB</a>	<a href="#">165, 198, 158</a>
Decimal	<a href="#">13025438</a>
CIELab	<a href="#">77.38, -3.49, 17.91</a>
CIELCh	<a href="#">77, 18.246, 101.023</a>
Yxy	<a href="#">52.1730, 0.3442, 0.3717</a>
Android (android.graphics.Color)	<a href="#">4291215518</a> ( <a href="#">0xFFC6C09E</a> )
YUV	<a href="#">189.9180, -15.7356, 7.0879</a>
Hunter-Lab	<a href="#">72.2309, -7.0166, 17.8252</a>

# Details

The YIQ color **189.9180, 14.4900, -9.3020** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **166.0820, -14.4900, 9.3020**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **246.1030, 15.4070, -9.4010**, and **136.8470, 13.2520, -8.8920** is the 20% darker color. If you saturate the color by 10%, you get **185.8770, 21.7350, -13.9530**, and if you desaturate by 10%, it is **193.9590, 7.2450, -4.6510**.

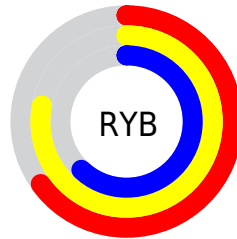
# Distribution



Red (78%)

Green (75%)

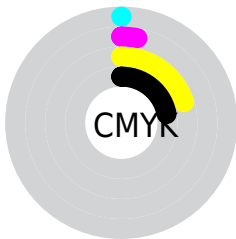
Blue (62%)



Red (65%)

Yellow (78%)

Blue (62%)

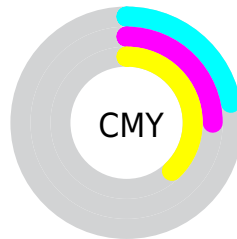


Cyan (0%)

Magenta (3%)

Yellow (20%)

Black (22%)



Cyan (22%)

Magenta (25%)


Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 189.9180, 14.4900, -9.3020 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 189.9180, 14.4900, -9.3020 by changing the saturation by 10% instead.





 189.9180, 14.4900,  
-9.3020


 189.9180, 14.4900,  
-9.3020


255.0000, -0.0000,  
-0.0000


 163.0320, 14.1690,  
-8.9910


 246.1030, 15.4070,  
-9.4010


 136.8470, 13.2520,  
-8.8920

 253.4040, 4.4940,  
-4.3540

 110.9610, 12.9310,  
-8.5810

 86.7760, 12.0140,  
-8.4820

 63.0040, 11.3720,  
-7.8600

 41.4060, 10.1800,  
-8.2840

 20.9760, 8.5750,

-6.7290

■ 0.0000, 0.0000,  
0.0000

■ 189.9180, 14.4900,  
-9.3020

■ 189.9180, 14.4900,  
-9.3020

■ 185.8770, 21.7350,  
-13.9530

■ 193.9590, 7.2450,  
-4.6510

■ 181.8360, 28.9800,  
-18.6040

■ 198.0000, -0.0000,  
0.0000

■ 177.9090, 35.9040,  
-22.9440

■ 201.9270, -6.9240,  
4.3400

■ 173.8680, 43.1490,  
-27.5950

■ 205.9680,  
-14.1690, 8.9910

■ 169.8270, 50.3940,  
-32.2460

■ 209.7810,  
-20.7720, 13.0200

■ 165.7860, 57.6390,  
-36.8970

■ 211.5420,  
-21.5970, 11.4510

■ 161.7450, 64.8840,  
-41.5480

■ 213.3030,  
-22.4220, 9.8820

■ 157.8180, 71.8080,  
-45.8880

■ 215.0640,  
-23.2470, 8.3130

■ 216.8250,  
-24.0720, 6.7440

# Harmonies

## Analogous

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



191.4080, 25.0340, -2.1500



189.9180, 14.4900, -9.3020



187.9700, -0.4560, -13.7680

# Triad

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



189.9180, 14.4900, -9.3020



185.9340, -35.1650, -6.9810



194.8700, 15.5860, 14.8980

# Complementary

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



189.9180, 14.4900, -9.3020



166.0820, -14.4900, 9.3020

# 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.



193.7310, -0.1400, 13.5560



189.9180, 14.4900, -9.3020



188.3140, -30.1230, 0.7650

# Square

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



189.9180, 14.4900, -9.3020



184.6970, -30.3040, -12.4800



190.8860, -16.8740, 8.4540



193.7370, 26.0860, 11.8300



# Rectangle

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



189.9180, 14.4900, -9.3020



186.2830, -11.6430, -14.7710



190.8860, -16.8740, 8.4540



194.5320, 10.7260, 14.8700

# Sweetspot

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



189.9180, 14.4900, -9.3020



252.1160, 5.3650, -3.6190



170.6440, 21.9140, 10.3460



125.8000, 3.4390, -1.7530



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.



189.9180, 14.4900, -9.3020



242.7630, 22.0560, -14.2640



189.2540, 4.4960, -15.4080



97.3870, 3.1640, -2.2760



130.3300, 58.9230, -38.1410



28.3740, 13.2060, -8.0580



# Inverse Universe

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



166.0820, -14.4900, 9.3020



206.2370, -22.0560, 14.2640



166.7460, -4.4960, 15.4080



91.6130, -3.1640, 2.2760



32.6700, -58.9230, 38.1410

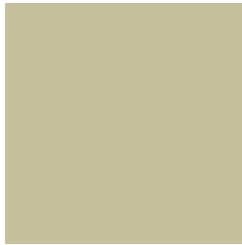


7.0390, -12.9310, 8.5810



# Previews

## White Background



This preview shows how the YIQ color 189.9180, 14.4900, -9.3020 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 189.9180, 14.4900, -9.3020 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

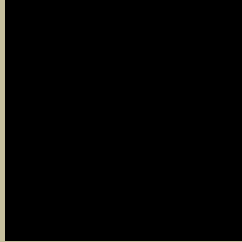
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

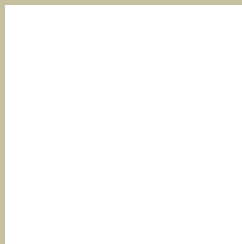
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YIQ 189.9180, 14.4900, -9.3020

## Background



This preview shows how black text looks on a background with the YIQ color 189.9180, 14.4900, -9.3020.



This preview shows how white text looks on a background with the YIQ color 189.9180, 14.4900, -9.3020.

-9.3020.

# 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

189.9180, 14.4900, -9.3020

### Protanopia

190.4130, 17.4700, -8.2420

### Deuteranopia

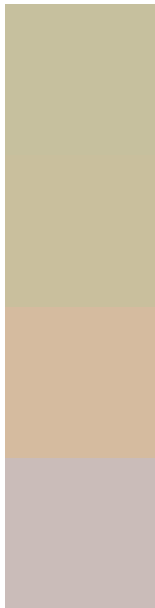
192.3270, 29.7560, 0.3800



## Tritanopia

193.0920, 5.9130, 8.4810

# Trichromacy



## Original Color

189.9180, 14.4900, -9.3020

## Protanomaly

190.1140, 16.8740, -8.4540

## Deuteranomaly

191.5820, 24.4840, -3.1960

## Tritanomaly

191.8440, 9.3070, 2.0350

# Monochromacy



## Original Color

189.9180, 14.4900, -9.3020

## Achromatopsia

190.0000, -0.0000, -0.0000

## Achromatomaly

190.1160, 5.3650, -3.6190

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 189.9180, 14.4900, -9.3020 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(198, 192, 158)` looks like.

```
.text, #text, p{  
    color:rgb(198, 192, 158)  
}
```

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(198, 192, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 192, 158) }
```

## Border

The CSS property to change the border of an element to YIQ 189.9180, 14.4900, -9.3020 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".

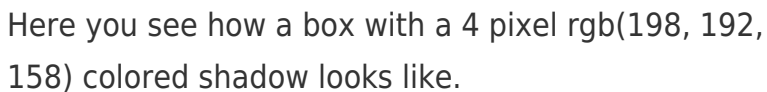
```
.border, #border, table{ border:4px solid rgb(198, 192, 158) }
```



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

```
.border{ border-color:rgb(198, 192, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 192, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 192, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 192, 158); box-shadow:4px 4px 4px 4px rgb(198, 192, 158) }
```

# Background

The CSS property to change the background color of an element to YIQ 189.9180, 14.4900, -9.3020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 192, 158) }
```

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

```
.background{ background-color: rgb(198,  
192, 158) }
```

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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