

# Converting Colors

YIQ(201.9180, 14.4900, -9.3020)

Have a look what the booklet for  
YIQ(201.9180, 14.4900, -9.3020)  
contains.

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# **Color**

**YIQ(201.9180, 14.4900,  
-9.3020)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D2CCAA
RGB	210, 204, 170
RGB Percent	82%, 80%, 67%
CMY	0.1765, 0.2000, 0.3332
CMYK	0.00, 0.03, 0.19, 0.18
HSL	51°, 31%, 75%
HSV	51°, 19%, 82%
XYZ	55.4278, 59.7890, 46.6599
YIQ	201.9180, 14.4900, -9.3020

# Conversions

## Conversions Part 2

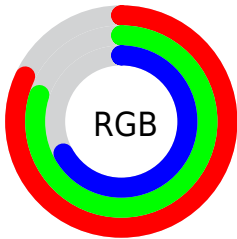
Format	Color
<a href="#">RYB</a>	<a href="#">177, 210, 170</a>
Decimal	<a href="#">13814954</a>
CIELab	<a href="#">81.72, -3.49, 17.70</a>
CIElCh	<a href="#">82, 18.044, 101.144</a>
Yxy	<a href="#">59.7890, 0.3424, 0.3693</a>
Android (android.graphics.Color)	<a href="#">4292005034 (0xFFD2CCAA)</a>
YUV	<a href="#">201.9180, -15.7356, 7.0879</a>
Hunter-Lab	<a href="#">77.3233, -7.3613, 18.3484</a>

# Details

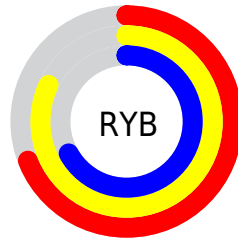
The YIQ color **201.9180, 14.4900, -9.3020** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **178.0820, -14.4900, 9.3020**, and the grayscale version is **202.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **251.5800, 9.6300, -9.3300**, and **147.8470, 13.2520, -8.8920** is the 20% darker color. If you saturate the color by 10%, you get **197.7630, 22.0560, -14.2640**, and if you desaturate by 10%, it is **206.0730, 6.9240, -4.3400**.

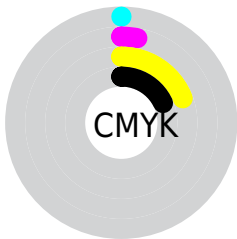
# Distribution



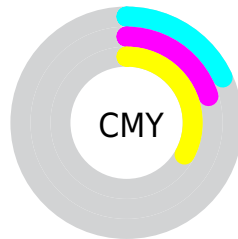
- Red (82%)
- Green (80%)
- Blue (67%)



- Red (69%)
- Yellow (82%)
- Blue (67%)



- Cyan (0%)
- Magenta (3%)
- Yellow (19%)
- Black (18%)



- Cyan (18%)
- Magenta (20%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 201.9180, 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 201.9180, 14.4900, -9.3020 by changing the saturation by 10% instead.



■ 201.9180, 14.4900,  
-9.3020

■ 201.9180, 14.4900,  
-9.3020

255.0000, -0.0000,  
-0.0000

■ 174.6190, 13.8940,  
-9.5140

■ 251.5800, 9.6300,  
-9.3300

■ 147.8470, 13.2520,  
-8.8920

254.8860, 0.3210,  
-0.3110

■ 121.9610, 12.9310,  
-8.5810

■ 97.0750, 12.6100,  
-8.2700

■ 73.0040, 11.3720,  
-7.8600

■ 50.7050, 10.7760,  
-8.0720

■ 29.2490, 12.0600,

-9.3160

■ 5.5820, -1.8790,  
-4.4950

■ 0.0000, 0.0000,  
0.0000

■ 201.9180, 14.4900,  
-9.3020

■ 201.9180, 14.4900,  
-9.3020

■ 197.7630, 22.0560,  
-14.2640

■ 206.0730, 6.9240,  
-4.3400

■ 193.6080, 29.6220,  
-19.2260

■ 210.2280, -0.6420,  
0.6220

■ 189.4530, 37.1880,  
-24.1880

■ 214.3830, -8.2080,  
5.5840

■ 184.7110, 45.0290,  
-28.6270

■ 219.1250,  
-16.0490, 10.0230

■ 180.5560, 52.5950,  
-33.5890

■ 221.0000,  
-17.1950, 8.7650

■ 176.4010, 60.1610,  
-38.5510

■ 222.7610,  
-18.0200, 7.1960

■ 172.2460, 67.7270,  
-43.5130

■ 224.5220,  
-18.8450, 5.6270

■ 168.0910, 75.2930,  
-48.4750

■ 226.2830,  
-19.6700, 4.0580

■ 167.8630, 75.9350,  
-49.0970

■ 228.0440,  
-20.4950, 2.4890

# Harmonies

## Analogous

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



203.7070, 25.6300, -1.9380



201.9180, 14.4900, -9.3020



199.9700, -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.



201.9180, 14.4900, -9.3020



197.9340, -35.1650, -6.9810



206.7560, 15.9070, 14.5870

# Complementary

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



201.9180, 14.4900, -9.3020



178.0820, -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.



205.7310, -0.1400, 13.5560



201.9180, 14.4900, -9.3020



200.3140, -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.



201.9180, 14.4900, -9.3020



196.9960, -29.7080, -12.2680



203.1850, -16.2780, 8.6660



206.0360, 26.6820, 12.0420



# Rectangle

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



201.9180, 14.4900, -9.3020



198.2830, -11.6430, -14.7710



203.1850, -16.2780, 8.6660



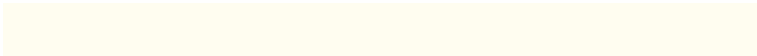
206.5320, 10.7260, 14.8700

# Sweetspot

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



201.9180, 14.4900, -9.3020



252.1160, 5.3650, -3.6190



182.6440, 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.



201.9180, 14.4900, -9.3020



242.9910, 21.4140, -13.6420



201.2540, 4.4960, -15.4080



102.5720, 4.0810, -2.3750



134.1730, 60.8030, -39.1730



32.8040, 14.8110, -9.6130



# Inverse Universe

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



178.0820, -14.4900, 9.3020



208.0090, -21.4140, 13.6420



178.7460, -4.4960, 15.4080



96.4280, -4.0810, 2.3750



33.8270, -60.8030, 39.1730



8.1960, -14.8110, 9.6130



# Previews

## White Background



This preview shows how the YIQ color 201.9180, 14.4900, -9.3020 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

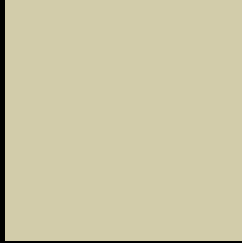
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 201.9180, 14.4900, -9.3020 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

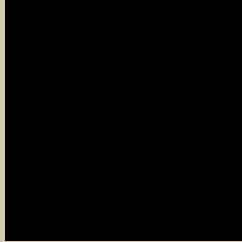
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

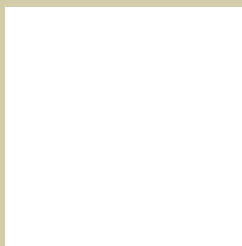
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YIQ 201.9180, 14.4900, -9.3020

## Background



This preview shows how black text looks on a background with the YIQ color 201.9180, 14.4900, -9.3020.



This preview shows how white text looks on a background with the YIQ color 201.9180, 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

201.9180, 14.4900, -9.3020

### Protanopia

202.4130, 17.4700, -8.2420

### Deuteranopia

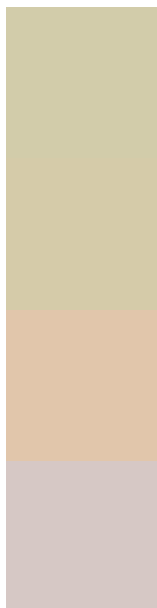
204.0390, 30.6270, 1.1150



## Tritanopia

205.0920, 5.9130, 8.4810

# Trichromacy



## Original Color

201.9180, 14.4900, -9.3020

## Protanomaly

202.1140, 16.8740, -8.4540

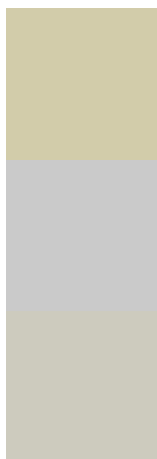
## Deuteranomaly

202.9950, 24.7590, -2.6730

## Tritanomaly

203.8440, 9.3070, 2.0350

# Monochromacy



## Original Color

201.9180, 14.4900, -9.3020

## Achromatopsia

202.0000, -0.0000, 0.0000

## Achromatomaly

202.1160, 5.3650, -3.6190

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 201.9180, 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(210, 204, 170)` looks like.

```
.text, #text, p{  
    color:rgb(210, 204, 170)  
}
```

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(210, 204, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 204, 170) }
```

## Border

The CSS property to change the border of an element to YIQ 201.9180, 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(210, 204, 170) }
```



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

```
.border{ border-color:rgb(210, 204, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 204, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 204, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 204, 170);  
box-shadow:4px 4px 4px 4px rgb(210, 204,  
170) }
```

# Background

The CSS property to change the background color of an element to YIQ 201.9180, 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(210, 204, 170) }
```

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

```
.background{ background-color: rgb(210,  
204, 170) }
```

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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