

# Converting Colors

YIQ(208.4600, 0.9200, -16.6800)

Have a look what the booklet for  
YIQ(208.4600, 0.9200, -16.6800)  
contains.

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# Color

**YIQ(208.4600, 0.9200,  
-16.6800)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C7DBB3
RGB	199, 219, 179
RGB Percent	78%, 86%, 70%
CMY	0.2197, 0.1411, 0.2980
CMYK	0.09, 0.00, 0.18, 0.14
HSL	90°, 36%, 78%
HSV	90°, 18%, 86%
XYZ	57.0195, 66.0620, 52.3985
YIQ	208.4600, 0.9200, -16.6800

# Conversions

## Conversions Part 2

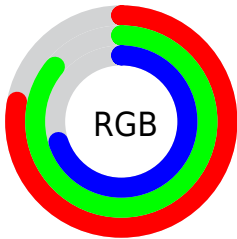
<b>Format</b>	<b>Color</b>
<b>RYB</b>	179, 219, 199
Decimal	13097907
CIELab	85.03, -13.77, 17.46
CIELCh	85, 22.235, 128.267
Yxy	66.0620, 0.3249, 0.3765
Android (android.graphics.Color)	4291287987 (0xFFC7DBB3)
YUV	208.4600, -14.5238, -8.2964
Hunter-Lab	81.2785, -17.0138, 18.6720

# Details

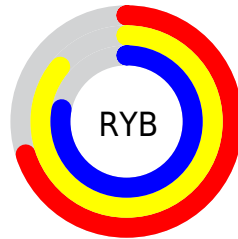
The YIQ color  $208.4600, 0.9200, -16.6800$  is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be  $189.5400, -0.9200, 16.6800$ , and the grayscale version is  $209.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $252.7200, 6.4200, -6.2200$ , and  $153.9870, 0.8740, -15.8460$  is the 20% darker color. If you saturate the color by 10%, you get  $202.6630, 1.4260, -25.8540$ , and if you desaturate by 10%, it is  $214.2570, 0.4140, -7.5060$ .

# Distribution



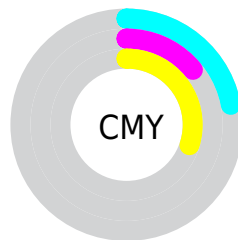
- Red (78%)
- Green (86%)
- Blue (70%)



- Red (70%)
- Yellow (86%)
- Blue (78%)



- Cyan (9%)
- Magenta (0%)
- Yellow (18%)
- Black (14%)



- Cyan (22%)
- Magenta (14%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 208.4600, 0.9200, -16.6800 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 208.4600, 0.9200, -16.6800 by changing the saturation by 10% instead.




 208.4600, 0.9200,  
-16.6800


 208.4600, 0.9200,  
-16.6800

255.0000, -0.0000,  
-0.0000

 180.8730, 1.1950,  
-16.1570


 252.7200, 6.4200,  
-6.2200

 153.9870, 0.8740,  
-15.8460

 128.1010, 0.5530,  
-15.5350

 102.6280, 0.5070,  
-14.7010

 78.7420, 0.1860,  
-14.3900

 55.2690, 0.1400,  
-13.5560

 33.5680, 0.7360,

-13.3440

■ 13.5010, -6.3250,  
-12.0290

■ 0.0000, 0.0000,  
0.0000

■ 208.4600, 0.9200,  
-16.6800

■ 208.4600, 0.9200,  
-16.6800

■ 202.6630, 1.4260,  
-25.8540

■ 214.2570, 0.4140,  
-7.5060

■ 196.8660, 1.9320,  
-35.0280

■ 220.0540, -0.0920,  
1.6680

■ 191.0690, 2.4380,  
-44.2020

■ 225.8510, -0.5980,  
10.8420

■ 185.2720, 2.9440,  
-53.3760

■ 230.2800, 2.7480,  
16.2840

■ 179.5890, 3.1290,  
-62.2390

■ 233.5690, 9.3040,  
18.6160

■ 173.7920, 3.6350,  
-71.4130

■ 233.8680, 9.9000,  
18.8280

■ 167.9950, 4.1410,  
-80.5870

■ 162.1980, 4.6470,  
-89.7610

■ 161.1440, 4.7390,  
-91.4290

# Harmonies

## Analogous

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



211.2020, 19.4420, -10.9420



208.4600, 0.9200, -16.6800



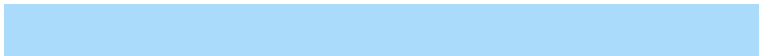
205.8690, -19.3450, -18.3610

# Triad

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



208.4600, 0.9200, -16.6800



207.9970, -39.4760, -0.4360



216.0690, 31.0830, 14.8830

# Complementary

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



208.4600, 0.9200, -16.6800



189.5400, -0.9200, 16.6800

# 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.



216.6470, 17.8320, 18.2480



208.4600, 0.9200, -16.6800



212.0040, -23.0180, 9.6700

# Square

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



208.4600, 0.9200, -16.6800



204.6770, -44.7470, -9.5390



214.9420, -2.1120, 16.2560



214.6640, 36.3570, 7.4050



# Rectangle

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



208.4600, 0.9200, -16.6800



204.4640, -31.2660, -17.0740



214.9420, -2.1120, 16.2560



216.2690, 27.6440, 16.6360

# Sweetspot

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



208.4600, 0.9200, -16.6800



251.7240, 0.5970, -5.3150



202.7000, 18.3400, -1.9800



125.8920, 0.1840, -3.3360



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

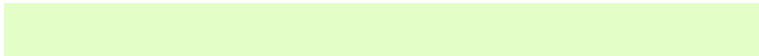


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



208.4600, 0.9200, -16.6800



240.2440, 1.2880, -23.3520



202.4800, -11.0000, -20.9200



106.9520, -0.0450, -4.6930



127.5640, 4.2770, -72.0350



33.8790, 1.0580, -19.1820



# Inverse Universe

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



189.5400, -0.9200, 16.6800



213.7560, -1.2880, 23.3520



195.5200, 11.0000, 20.9200



101.7490, -0.5510, 4.4810



45.7350, -3.6810, 72.2470



12.1210, -1.0580, 19.1820



# Previews

## White Background



This preview shows how the YIQ color 208.4600, 0.9200, -16.6800 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

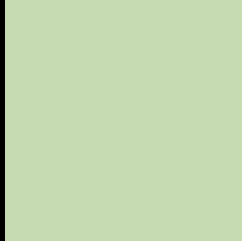
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 208.4600, 0.9200, -16.6800 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

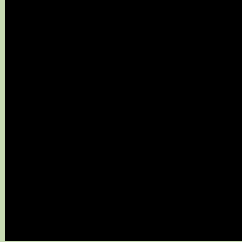
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

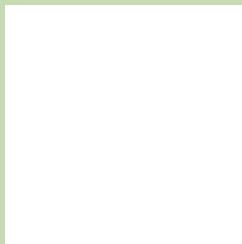
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YIQ 208.4600, 0.9200, -16.6800

## Background



This preview shows how black text looks on a background with the YIQ color 208.4600, 0.9200, -16.6800.



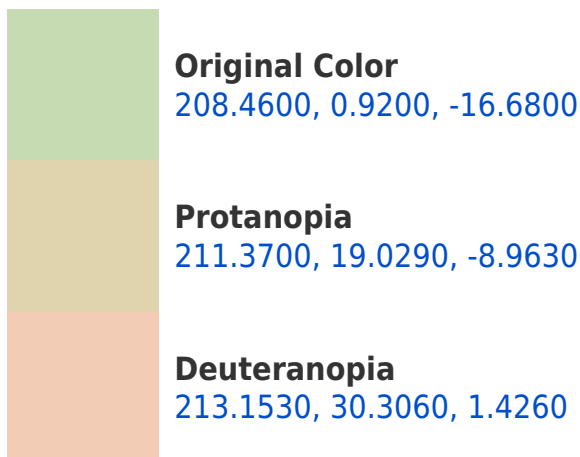
This preview shows how white text looks on a background with the YIQ color 208.4600, 0.9200,

-16.6800.

# 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

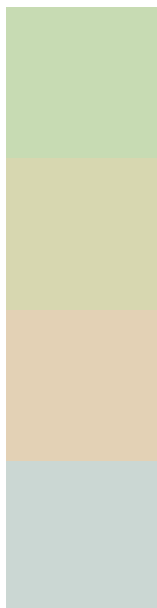




## Tritanopia

212.1440, -9.0330, 4.0150

# Trichromacy



## Original Color

208.4600, 0.9200, -16.6800

## Protanomaly

210.5540, 12.5190, -12.1290

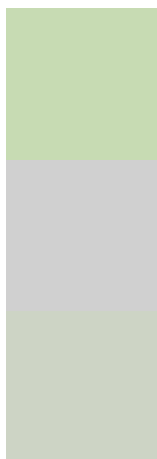
## Deuteranomaly

211.1900, 19.7160, -4.8920

## Tritanomaly

210.9560, -5.8680, -3.7880

# Monochromacy



## Original Color

208.4600, 0.9200, -16.6800

## Achromatopsia

208.0000, -0.0000, -0.0000

## Achromatomaly

208.1970, 0.6430, -6.1490

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 208.4600, 0.9200, -16.6800 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(199, 219, 179)` looks like.

```
.text, #text, p{  
    color:rgb(199, 219, 179)  
}
```

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(199, 219, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 219, 179) }
```

## Border

The CSS property to change the border of an element to YIQ 208.4600, 0.9200, -16.6800 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(199, 219, 179) }
```



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

```
.border{ border-color:rgb(199, 219, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 219, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 219, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 219, 179);  
box-shadow:4px 4px 4px 4px rgb(199, 219,  
179) }
```

# Background

The CSS property to change the background color of an element to YIQ 208.4600, 0.9200, -16.6800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 219, 179) }
```

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

```
.background{ background-color: rgb(199,  
219, 179) }
```

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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