

# Converting Colors

YIQ(209.0160, 3.0710, 4.9190)

Have a look what the booklet for  
YIQ(209.0160, 3.0710, 4.9190)  
contains.

<b>YIQ(209.0160, 3.0710, 4.9190)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(209.0160, 3.0710,  
4.9190)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D7CDD6
RGB	215, 205, 214
RGB Percent	84%, 80%, 84%
CMY	0.1568, 0.1961, 0.1608
CMYK	0.00, 0.05, 0.00, 0.16
HSL	306°, 11%, 82%
HSV	306°, 5%, 84%
XYZ	61.9946, 62.9640, 72.5050
YIQ	209.0160, 3.0710, 4.9190

# Conversions

## Conversions Part 2

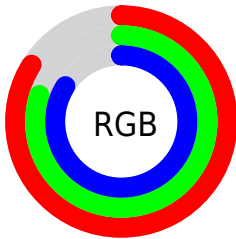
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	215, 205, 214
Decimal	14142934
CIE Lab	83.42, 5.07, -3.23
CIE LCh	83, 6.011, 327.506
Yxy	62.9640, 0.3140, 0.3189
Android (android.graphics.Color)	4292333014 (0xFFD7CDD6)
YUV	209.0160, 2.4571, 5.2480
Hunter-Lab	79.3498, 0.5967, 1.3693

# Details

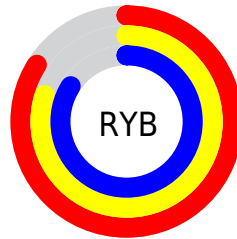
The YIQ color  $209.0160, 3.0710, 4.9190$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $210.9840, -3.0710, -4.9190$ , and the grayscale version is  $209.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, -0.0000, -0.0000$ , and  $154.6030, 2.7960, 4.3960$  is the 20% darker color. If you saturate the color by 10%, you get  $196.4610, 9.4880, 15.2800$ , and if you desaturate by 10%, it is  $222.1580, -3.6210, -5.9650$ .

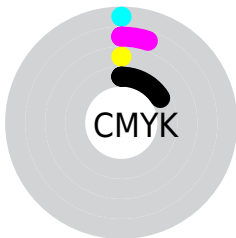
# Distribution



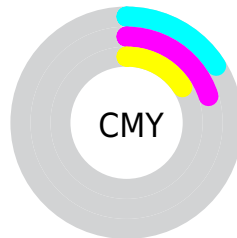
- Red (84%)
- Green (80%)
- Blue (84%)



- Red (84%)
- Yellow (80%)
- Blue (84%)



- Cyan (0%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)



- Cyan (16%)
- Magenta (20%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 209.0160, 3.0710, 4.9190 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 209.0160, 3.0710, 4.9190 by changing the saturation by 10% instead.



■ 209.0160, 3.0710,  
4.9190

■ 209.0160, 3.0710,  
4.9190

255.0000, -0.0000,  
-0.0000

■ 181.6030, 2.7960,  
4.3960

■ 154.6030, 2.7960,  
4.3960

■ 128.6030, 2.7960,  
4.3960

■ 103.6030, 2.7960,  
4.3960

■ 79.6030, 2.7960,  
4.3960

■ 56.3040, 2.2000,  
4.1840

■ 35.1900, 2.5210,

3.8730

■ 13.0160, 3.0710,  
4.9190

■ 0.0000, 0.0000,  
0.0000

■ 209.0160, 3.0710,  
4.9190

■ 209.0160, 3.0710,  
4.9190

■ 196.4610, 9.4880,  
15.2800

■ 222.1580, -3.6210,  
-5.9650

■ 183.3190, 16.1800,  
26.1640

■ 234.7130,  
-10.0380, -16.3260

■ 170.1770, 22.8720,  
37.0480

■ 239.0500,  
-12.6050, -19.3650

■ 157.5080, 29.6100,  
47.0980

■ 239.3920,  
-13.5680, -18.4320

144.3660, 36.3020,  
57.9820

239.6200,  
-14.2100, -17.8100

131.8110, 42.7190,  
68.3430

239.8480,  
-14.8520, -17.1880

118.6690, 49.4110,  
79.2270

240.0760,  
-15.4940, -16.5660

106.1140, 55.8280,  
89.5880

240.3040,  
-16.1360, -15.9440

92.9720, 62.5200,  
100.4720

240.5320,  
-16.7780, -15.3220

# Harmonies

## Analogous

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



208.8520, -2.3390, 3.8450



209.0160, 3.0710, 4.9190



209.0550, 7.3350, 4.7350

# Triad

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



209.0160, 3.0710, 4.9190



207.6540, 6.7860, -1.8380



206.1450, -10.7740, -2.9820

# Complementary

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



209.0160, 3.0710, 4.9190



210.9840, -3.0710, -4.9190

# 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.



206.0590, -7.6560, -4.4240



209.0160, 3.0710, 4.9190



207.1480, 2.3390, -3.8450

# Square

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



209.0160, 3.0710, 4.9190



208.6760, 9.7200, 0.0560



206.6850, -3.6670, -5.1310



206.6120, -10.5910, -0.7910



# Rectangle

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



209.0160, 3.0710, 4.9190



208.8980, 9.2150, 3.7030



206.6850, -3.6670, -5.1310



205.9170, -10.1320, -3.6040

# Sweetspot

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



209.0160, 3.0710, 4.9190



253.2390, 0.8250, 1.5690



206.4390, -2.6140, 3.3220



126.7120, 0.8710, 0.7350



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.



209.0160, 3.0710, 4.9190



245.9670, 4.7670, 7.2230



208.4460, 4.6760, 3.3640



102.7770, 2.2460, 3.3500



68.6850, 52.4820, 84.1460



17.3030, 13.1090, 21.2450



# Inverse Universe

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



209.0160, 3.0710, 4.9190



245.9670, 4.7670, 7.2230



211.5540, -4.6760, -3.3640



102.7770, 2.2460, 3.3500



68.6850, 52.4820, 84.1460

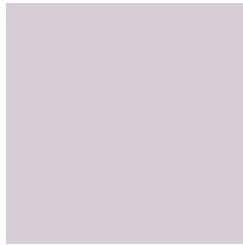


17.3030, 13.1090, 21.2450



# Previews

## White Background



This preview shows how the YIQ color 209.0160, 3.0710, 4.9190 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

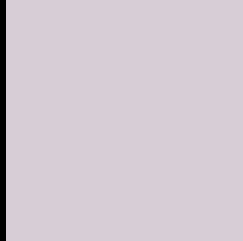
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 209.0160, 3.0710, 4.9190 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

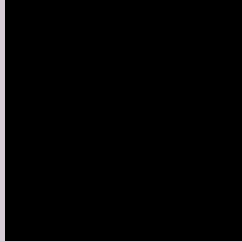
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 209.0160, 3.0710, 4.9190

## Background



This preview shows how black text looks on a background with the YIQ color 209.0160, 3.0710, 4.9190.



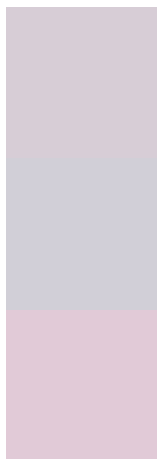
This preview shows how white text looks on a background with the YIQ color 209.0160, 3.0710,

4.9190.

# 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

209.0160, 3.0710, 4.9190

### Protanopia

208.5100, -1.3760, 2.9120

### Deuteranopia

210.3590, 9.5350, 8.9190



## Tritanopia

209.4120, 2.0160, 7.5200

# Trichromacy



## Original Color

209.0160, 3.0710, 4.9190

## Protanomaly

208.5210, 0.0910, 3.8590

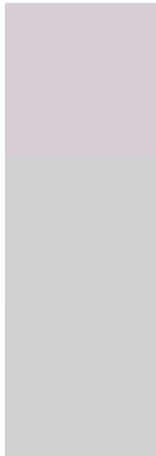
## Deuteranomaly

209.7500, 6.8760, 7.5480

## Tritanomaly

209.1840, 2.6580, 6.8980

# Monochromacy



## Original Color

209.0160, 3.0710, 4.9190

## Achromatopsia

209.0000, 0.0000, 0.0000

## Achromatomaly

209.2390, 0.8250, 1.5690

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 209.0160, 3.0710, 4.9190 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(215, 205, 214)` looks like.

```
.text, #text, p{  
    color:rgb(215, 205, 214)  
}
```

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(215, 205, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 205, 214) }
```

## Border

The CSS property to change the border of an element to YIQ 209.0160, 3.0710, 4.9190 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(215, 205, 214) }
```



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

```
.border{ border-color:rgb(215, 205, 214) }
```

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

Here you see how a box with a 4 pixel rgb(215, 205, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 205, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 205, 214);  
box-shadow:4px 4px 4px 4px rgb(215, 205,  
214) }
```

# Background

The CSS property to change the background color of an element to YIQ 209.0160, 3.0710, 4.9190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 205, 214) }
```

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

```
.background{ background-color: rgb(215,  
205, 214) }
```

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