

# Converting Colors

YIQ(168.3660, 16.8250, 8.9610)

Have a look what the booklet for  
YIQ(168.3660, 16.8250, 8.9610)  
contains.

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# Color

**YIQ(168.3660, 16.8250,  
8.9610)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BE9EA5
RGB	190, 158, 165
RGB Percent	75%, 62%, 65%
CMY	0.2548, 0.3804, 0.3529
CMYK	0.00, 0.17, 0.13, 0.25
HSL	347°, 20%, 68%
HSV	347°, 17%, 75%
XYZ	40.2579, 38.1161, 40.8401
YIQ	168.3660, 16.8250, 8.9610

# Conversions

## Conversions Part 2

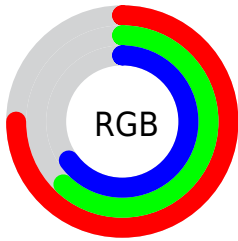
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 158, 165
Decimal	12492453
CIE <sub>Lab</sub>	68.11, 12.97, 0.77
CIE <sub>LCh</sub>	68, 12.995, 3.419
Yxy	38.1161, 0.3377, 0.3197
Android (android.graphics.Color)	4290682533 (0xFFBE9EA5)
YUV	168.3660, -1.6594, 18.9730
Hunter-Lab	61.7382, 8.3531, 3.9962

# Details

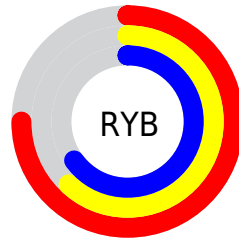
The YIQ color **168.3660, 16.8250, 8.9610** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **179.6340, -16.8250, -8.9610**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.9640, 18.0170, 9.3850**, and **116.3550, 15.3580, 8.0140** is the 20% darker color. If you saturate the color by 10%, you get **155.5030, 26.8650, 14.2330**, and if you desaturate by 10%, it is **181.2290, 6.7850, 3.6890**.

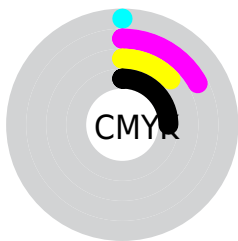
# Distribution



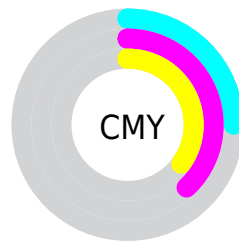
- Red (75%)
- Green (62%)
- Blue (65%)



- Red (75%)
- Yellow (62%)
- Blue (65%)



- Cyan (0%)
- Magenta (17%)
- Yellow (13%)
- Black (25%)



- Cyan (25%)
- Magenta (38%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 168.3660, 16.8250, 8.9610 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 168.3660, 16.8250, 8.9610 by changing the saturation by 10% instead.



■ 168.3660, 16.8250,  
8.9610

■ 168.3660, 16.8250,  
8.9610

255.0000, -0.0000,  
-0.0000

■ 142.0670, 16.2290,  
8.7490

■ 223.9640, 18.0170,  
9.3850

■ 116.3550, 15.3580,  
8.0140

■ 245.9840, 6.0970,  
5.1450

■ 91.4690, 15.0370,  
8.3250

■ 67.8710, 13.8450,  
7.9010

■ 45.1590, 12.9740,  
7.1660

■ 24.5610, 11.7820,  
6.7420

■ 3.5880, 7.1520,

2.5440

0.0000, 0.0000,  
0.0000

168.3660, 16.8250,  
8.9610

168.3660, 16.8250,  
8.9610

155.5030, 26.8650,  
14.2330

181.2290, 6.7850,  
3.6890

142.6400, 36.9050,  
19.5050

194.0920, -3.2550,  
-1.5830

129.8910, 46.6240,  
25.0880

206.9550,  
-13.2950, -6.8550

117.0280, 56.6640,  
30.3600

219.7040,  
-23.0140, -12.4380

104.1650, 66.7040,  
35.6320

232.5670,  
-33.0540, -17.7100

■ 91.3020, 76.7440,  
40.9040

■ 235.4510,  
-38.4190, -14.0910

■ 78.4390, 86.7840,  
46.1760

■ 235.5650,  
-38.7400, -13.7800

■ 65.5760, 96.8240,  
51.4480

■ 61.5980, 99.7580,  
53.3420

# Harmonies

## Analogous

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



168.2280, 8.5260, 10.6860



168.3660, 16.8250, 8.9610



167.9980, 20.6770, 5.2290

# Triad

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



168.3660, 16.8250, 8.9610



163.9860, 2.6150, -8.8490



163.5660, -22.1450, -0.6490

# Complementary

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



168.3660, 16.8250, 8.9610



179.6340, -16.8250, -8.9610

# 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.



161.9200, -23.3820, -5.7660



168.3660, 16.8250, 8.9610



162.8860, -8.8470, -10.3750

# Square

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



168.3660, 16.8250, 8.9610



165.7700, 12.1510, -5.4570



162.1500, -18.3380, -9.0740



165.9200, -14.2140, 4.2980



# Rectangle

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



168.3660, 16.8250, 8.9610



167.2920, 19.6690, 1.4690



162.1500, -18.3380, -9.0740



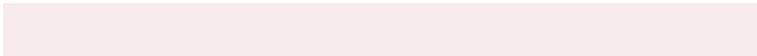
162.9140, -23.2450, -2.7410

# Sweetspot

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



168.3660, 16.8250, 8.9610



238.9300, 6.1890, 3.4770



169.1230, 4.6280, 15.2520



119.6200, 4.1260, 2.3180



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000



# Same Dimension

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



168.3660, 16.8250, 8.9610



213.9050, 25.6730, 13.8090



172.8510, 16.5970, 2.0770



87.9190, 4.7220, 2.5300



51.2320, 82.9330, 44.3810



10.0670, 16.2290, 8.7490



# Inverse Universe

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



168.3660, 16.8250, 8.9610



213.9050, 25.6730, 13.8090



175.1490, -16.5970, -2.0770



87.9190, 4.7220, 2.5300



51.2320, 82.9330, 44.3810



10.0670, 16.2290, 8.7490



# Previews

## White Background



This preview shows how the YIQ color 168.3660, 16.8250, 8.9610 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

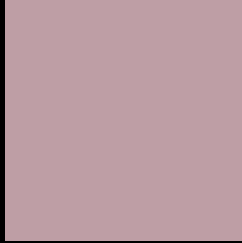
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 168.3660, 16.8250, 8.9610 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

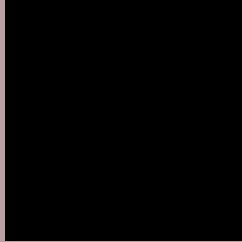
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 168.3660, 16.8250, 8.9610

## Background



This preview shows how black text looks on a background with the YIQ color 168.3660, 16.8250, 8.9610.



This preview shows how white text looks on a background with the YIQ color 168.3660, 16.8250,

8.9610.

# 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

168.3660, 16.8250, 8.9610

### Protanopia

166.3530, 0.5040, 1.8800

### Deuteranopia

167.9200, 12.1490, 5.5970



## Tritanopia

168.6480, 16.0910, 11.2510

# Trichromacy



## Original Color

168.3660, 16.8250, 8.9610

## Protanomaly

166.8700, 6.4180, 4.8340

## Deuteranomaly

168.2300, 14.2120, 6.7560

## Tritanomaly

168.4200, 16.7330, 10.6290

# Monochromacy



## Original Color

168.3660, 16.8250, 8.9610

## Achromatopsia

168.0000, -0.0000, -0.0000

## Achromatomaly

167.9300, 6.1890, 3.4770

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 168.3660, 16.8250, 8.9610 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(190, 158, 165)` looks like.

```
.text, #text, p{  
    color:rgb(190, 158, 165)  
}
```

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(190, 158, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 158, 165) }
```

## Border

The CSS property to change the border of an element to YIQ 168.3660, 16.8250, 8.9610 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(190, 158, 165) }
```



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

```
.border{ border-color:rgb(190, 158, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 158, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 158, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 158, 165);  
box-shadow:4px 4px 4px 4px rgb(190, 158,  
165) }
```

# Background

The CSS property to change the background color of an element to YIQ 168.3660, 16.8250, 8.9610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 158, 165) }
```

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

```
.background{ background-color: rgb(190,  
158, 165) }
```

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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