

# Converting Colors

RGB(170, 176, 166)

Have a look what the booklet for  
RGB(170, 176, 166) contains.

<b>RGB(170, 176, 166)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**RGB(170, 176, 166)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAB0A6
RGB	170, 176, 166
RGB Percent	67%, 69%, 65%
CMY	0.3333, 0.3098, 0.3490
CMYK	0.03, 0.00, 0.06, 0.31
HSL	96°, 6%, 67%
HSV	96°, 6%, 69%
XYZ	38.9858, 42.3499, 42.1960
YIQ	173.0660, -0.3660, -4.3820

# Conversions

## Conversions Part 2

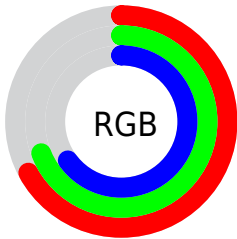
<b>Format</b>	<b>Color</b>
<b>RYB</b>	166, 176, 172
Decimal	11186342
CIELab	71.11, -3.98, 4.38
CIELCh	71, 5.917, 132.274
Yxy	42.3499, 0.3156, 0.3428
Android (android.graphics.Color)	4289376422 (0xFFAAB0A6)
YUV	173.0660, -3.4835, -2.6889
Hunter-Lab	65.0768, -6.9496, 7.1100

# Details

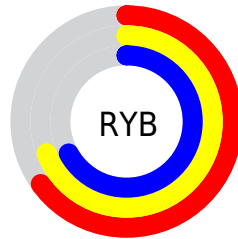
The RGB color **170, 176, 166** is a light color, and the websafe version is hex **999999**. A complement of this color would be **172, 166, 176**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **225, 232, 221**, and **118, 124, 114** is the 20% darker color. If you saturate the color by 10%, you get **159, 176, 148**, and if you desaturate by 10%, it is **181, 176, 184**.

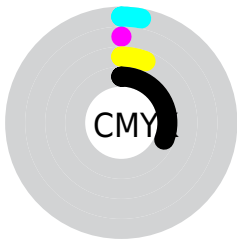
# Distribution



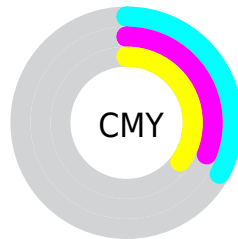
- Red (67%)
- Green (69%)
- Blue (65%)



- Red (65%)
- Yellow (69%)
- Blue (67%)



- Cyan (3%)
- Magenta (0%)
- Yellow (6%)
- Black (31%)



- Cyan (33%)
- Magenta (31%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 170, 176, 166 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 RGB color 170, 176, 166 by changing the saturation by 10% instead.




 170, 176, 166


255, 255, 255


 225, 232, 221


 254, 255, 250

 170, 176, 166

 144, 149, 140

 118, 124, 114

 93, 99, 90

 70, 75, 66

 47, 52, 44

 27, 31, 24


 0, 7, 0


 0, 0, 0


 170, 176, 166

 170, 176, 166


 159, 176, 148


 181, 176, 184


 149, 176, 131

 191, 176, 201

 138, 176, 113

 202, 176, 219

 128, 176, 96


 212, 176, 236


 117, 176, 78


 223, 176, 254

 107, 176, 60


 233, 176, 255

 96, 176, 43

 244, 176, 255

 86, 176, 25

 254, 176, 255

 75, 176, 8

 255, 176, 255

# Harmonies

## Analogous

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



176, 174, 164



170, 176, 166



165, 177, 171

# Triad

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



170, 176, 166



165, 175, 184



186, 171, 172

# Complementary

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



170, 176, 166



172, 166, 176

# 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.



183, 171, 177



170, 176, 166



171, 174, 184

# Square

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



170, 176, 166



162, 177, 181



178, 172, 182



185, 171, 167

# Rectangle

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



170, 176, 166



162, 177, 174



178, 172, 182



185, 171, 174



# Sweetspot

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



170, 176, 166



227, 230, 225



176, 172, 166



113, 115, 112



242, 242, 242



115, 115, 115



# Same Dimension

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



170, 176, 166



220, 230, 213



166, 176, 167



85, 89, 82



61, 153, 0



10, 26, 0



# Inverse Universe

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



172, 166, 176



223, 213, 230



176, 166, 175



86, 82, 89



92, 0, 153



15, 0, 26



# Previews

## White Background



This preview shows how the RGB color 170, 176, 166 looks on a white background.

## Color Contrast Check

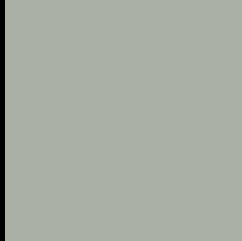
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the RGB color 170, 176, 166 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

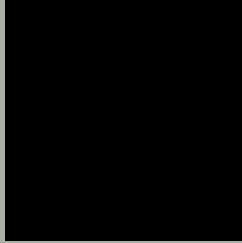
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

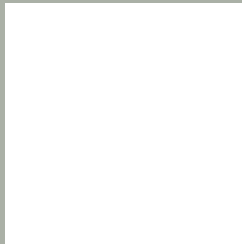
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 170, 176, 166 Background



This preview shows how black text looks on a background with the RGB color 170, 176, 166.



This preview shows how white text looks on a background with the RGB color 170, 176, 166.

# 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**  
170, 176, 166

**Protanopia**  
179, 173, 164

**Deuteranopia**  
193, 168, 168



**Tritanopia**  
173, 173, 187

# Trichromacy



## Original Color

170, 176, 166

## Protanomaly

176, 174, 165

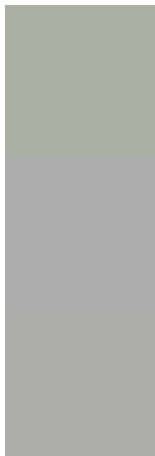
## Deuteranomaly

185, 171, 167

## Tritanomaly

172, 174, 179

# Monochromacy



## Original Color

170, 176, 166

## Achromatopsia

173, 173, 173

## Achromatomaly

172, 174, 170

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 170, 176, 166 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(170, 176, 166) looks like.

```
.text, #text, p{  
    color:rgb(170, 176, 166)  
}
```

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(170, 176, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 176, 166) }
```

## Border

The CSS property to change the border of an element to RGB 170, 176, 166 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(170, 176, 166) }
```

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

```
.border{ border-color:rgb(170, 176, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 176, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 176, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 176, 166);  
box-shadow:4px 4px 4px 4px rgb(170, 176,  
166) }
```

# Background

The CSS property to change the background color of an element to RGB 170, 176, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 176, 166) }
```

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

```
.background{ background-color: rgb(170,  
176, 166) }
```

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