Converting Colors

RGB(176, 178, 168)

Have a look what the booklet for RGB(176, 178, 168) contains.

Color

RGB(176, 178, 168)

Conversions

Conversions Part 1

Format	Color
Hex	B0B2A8
RGB	176, 178, 168
RGB Percent	69%, 70%, 66%
CMY	0.3098, 0.3020, 0.3412
CMYK	0.01, 0.00, 0.06, 0.30
HSL	72°, 6%, 68%
HSV	72°, 6%, 70%
XYZ	40.8928, 43.8980, 43.3637
YIQ	176.2620, 2.0180, -3.5340

Conversions

Conversions Part 2

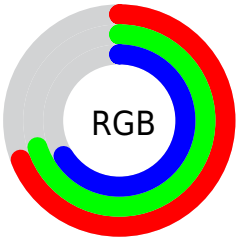
Format	Color
RYB	168, 178, 170
Decimal	11580072
CIELab	72.16, -2.54, 4.85
CIELCh	72, 5.478, 117.623
Yxy	43.8980, 0.3191, 0.3425
Android (android.graphics.Color)	4289770152 (0xFFB0B2A8)
YUV	176.2620, -4.0732, -0.2298
Hunter-Lab	66.2556, -5.7776, 7.5742

Details

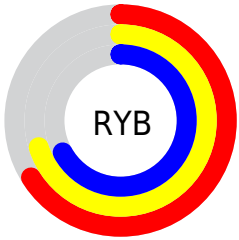
The RGB color 176, 178, 168 is a light color, and the websafe version is hex 999999. A complement of this color would be 170, 168, 178, and the grayscale version is 176, 176, 176.

A 20% lighter version of the original color is 232, 234, 223, and 124, 125, 116 is the 20% darker color. If you saturate the color by 10%, you get 172, 178, 150, and if you desaturate by 10%, it is 180, 178, 186.

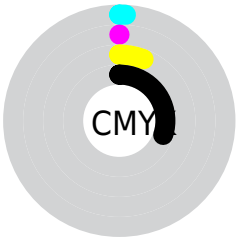
Distribution



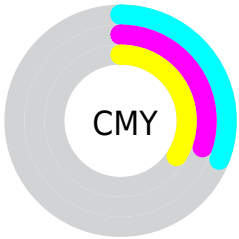
- Red (69%)
- Green (70%)
- Blue (66%)



- Red (66%)
- Yellow (70%)
- Blue (67%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (30%)



- Cyan (31%)
- Magenta (30%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 176, 178, 168 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 176, 178, 168 by changing the saturation by 10% instead.

176, 178, 168

255, 255, 255

232, 234, 223

255, 255, 252

176, 178, 168

149, 151, 142

124, 125, 116

99, 100, 91

75, 77, 68

52, 54, 46

31, 33, 25

6, 10, 0

0, 0, 0

176, 178, 168

176, 178, 168

172, 178, 150

169, 178, 132

165, 178, 115

162, 178, 97

158, 178, 79

155, 178, 61

151, 178, 43

148, 178, 26

144, 178, 8

180, 178, 186

183, 178, 204

187, 178, 221

190, 178, 239

194, 178, 255

197, 178, 255

201, 178, 255

204, 178, 255

208, 178, 255

Harmonies

Analogous

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

182, 176, 167

176, 178, 168

170, 179, 171

Triad

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

176, 178, 168

167, 179, 185

187, 174, 177

Complementary

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

176, 178, 168

170, 168, 178

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, 174, 182

176, 178, 168

171, 177, 187

Square

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

176, 178, 168

165, 180, 181

178, 176, 186

188, 174, 172

Rectangle

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

176, 178, 168

167, 180, 175

178, 176, 186

186, 174, 179

Sweetspot

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

176, 178, 168

231, 232, 227

178, 170, 168

117, 117, 115

245, 245, 245

117, 117, 117

Same Dimension

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

176, 178, 168

229, 232, 216

171, 178, 168

88, 89, 82

122, 153, 0

20, 26, 0

Inverse Universe

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

170, 168, 178

219, 216, 232

175, 168, 178

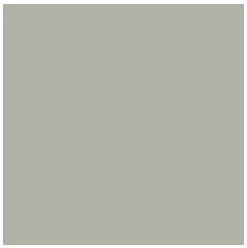
84, 82, 89

31, 0, 153

5, 0, 26

Previews

White Background

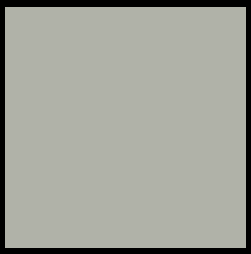


This preview shows how the RGB color 176, 178, 168 looks on a white background.

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



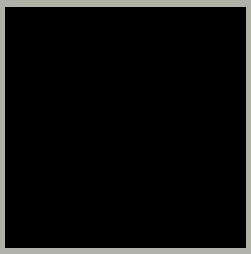
This preview shows how the RGB color 176, 178, 168 looks on a black background.

Color Contrast Check

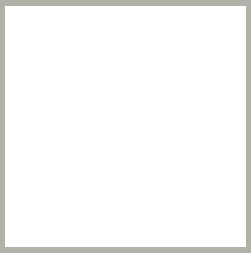
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 176, 178, 168 Background



This preview shows how black text looks on a background with the RGB color 176, 178, 168.



This preview shows how white text looks on a background with the RGB color 176, 178, 168.

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

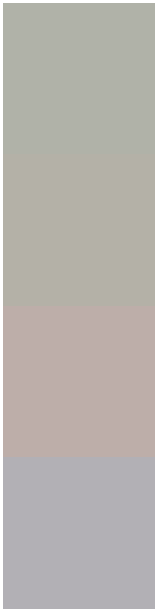
Original Color
176, 178, 168

Protanopia
182, 176, 167

Deuteranopia
197, 171, 169

Tritanopia
179, 175, 189

Trichromacy



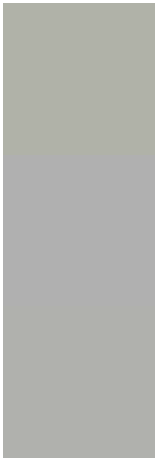
Original Color
176, 178, 168

Protanomaly
180, 177, 167

Deuteranomaly
189, 174, 169

Tritanomaly
178, 176, 181

Monochromacy



Original Color
176, 178, 168

Achromatopsia
176, 176, 176

Achromatomaly
176, 177, 173

CSS Examples

Text

The CSS property to change the color of the text to RGB 176, 178, 168 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(176, 178, 168) looks like.

```
.text, #text, p{
    color:rgb(176, 178, 168)
}
```

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(176, 178, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 178, 168) }
```

Border

The CSS property to change the border of an element to RGB 176, 178, 168 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(176, 178, 168) }
```

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

```
.border{ border-color:rgb(176, 178, 168) }
```

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

Here you see how a box with a 4 pixel rgb(176, 178, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 178, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 178, 168); box-shadow:4px 4px 4px 4px rgb(176, 178, 168) }
```

Background

The CSS property to change the background color of an element to RGB 176, 178, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(176, 178, 168) }
```

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

```
.background{ background-color:rgb(176,
178, 168) }
```

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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