

Converting Colors

RGB(176, 171, 171)

Have a look what the booklet for
RGB(176, 171, 171) contains.

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Color

RGB(176, 171, 171)

Conversions

Conversions Part 1

Format	Color
Hex	B0ABAB
RGB	176, 171, 171
RGB Percent	69%, 67%, 67%
CMY	0.3098, 0.3294, 0.3294
CMYK	0.00, 0.03, 0.03, 0.31
HSL	0°, 3%, 68%
HSV	0°, 3%, 69%
XYZ	39.8181, 41.2962, 44.4004
YIQ	172.4950, 2.9800, 1.0600

Conversions

Conversions Part 2

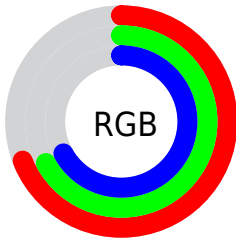
Format	Color
RYB	176, 171, 171
Decimal	11578283
CIELab	70.38, 1.79, 0.63
CIELCh	70, 1.892, 19.309
Yxy	41.2962, 0.3172, 0.3290
Android (android.graphics.Color)	4289768363 (0xFFB0ABAB)
YUV	172.4950, -0.7370, 3.0739
Hunter-Lab	64.2621, -1.8565, 4.0185

Details

The RGB color **176, 171, 171** is a light color, and the websafe version is hex **999999**. A complement of this color would be **171, 176, 176**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **232, 226, 226**, and **124, 119, 119** is the 20% darker color. If you saturate the color by 10%, you get **176, 153, 153**, and if you desaturate by 10%, it is **176, 189, 189**.

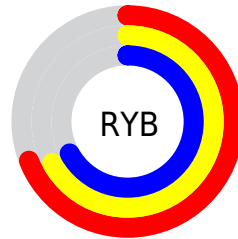
Distribution



Red (69%)

Green (67%)

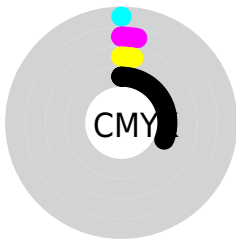
Blue (67%)



Red (69%)

Yellow (67%)

Blue (67%)

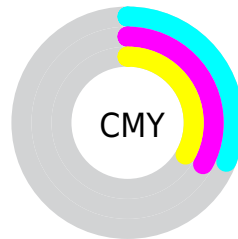


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (31%)



Cyan (31%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 176, 171, 171 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, 171, 171 by changing the saturation by 10% instead.

■ 176, 171, 171

255, 255, 255

■ 232, 226, 226

255, 255, 255

■ 176, 171, 171

■ 149, 145, 145

■ 124, 119, 119

■ 99, 94, 94

■ 75, 71, 71

■ 52, 48, 48

■ 31, 27, 27

■ 7, 0, 0


■ 0, 0, 0

■ 176, 171, 171

■ 176, 171, 171

 176, 153, 153

 176, 189, 189

 176, 136, 136

 176, 206, 206

 176, 118, 118

 176, 224, 224

 176, 101, 101

 176, 241, 241

 176, 83, 83

 176, 255, 255

 176, 65, 65

 176, 48, 48

 176, 30, 30

 176, 13, 13

Harmonies

Analogous

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



175, 171, 173



176, 171, 171



176, 171, 170

Triad

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



176, 171, 171



170, 173, 170



170, 172, 175

Complementary

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



176, 171, 171



171, 176, 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.



168, 173, 175



176, 171, 171



169, 173, 171

Square

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



176, 171, 171



172, 172, 169



168, 173, 173



172, 172, 175

Rectangle

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



176, 171, 171



175, 172, 169



168, 173, 173



169, 173, 175

Sweetspot

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



176, 171, 171



230, 227, 227



176, 171, 176



115, 114, 114



242, 242, 242



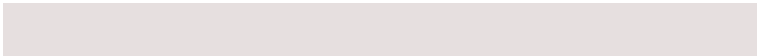
115, 115, 115

Same Dimension

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



176, 171, 171



230, 223, 223



176, 173, 171



89, 86, 86



153, 0, 0



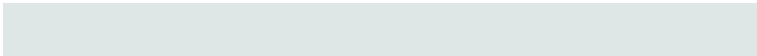
26, 0, 0

Inverse Universe

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



171, 176, 176



223, 230, 230



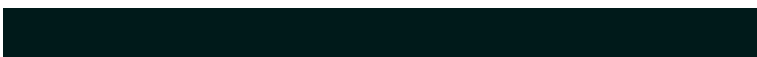
171, 173, 176



86, 89, 89



0, 153, 153



0, 26, 26

Previews

White Background



This preview shows how the RGB color 176, 171, 171 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, 171, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

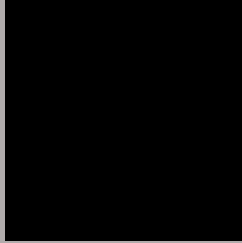
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

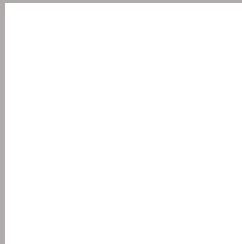
Any Text WCAG AAA ✓ Pass

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

RGB 176, 171, 171 Background



This preview shows how black text looks on a background with the RGB color 176, 171, 171.

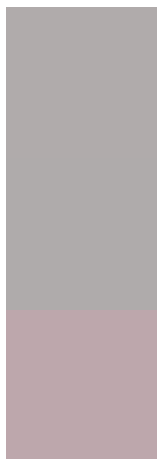


This preview shows how white text looks on a background with the RGB color 176, 171, 171.

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, 171, 171

Protanopia

175, 171, 171

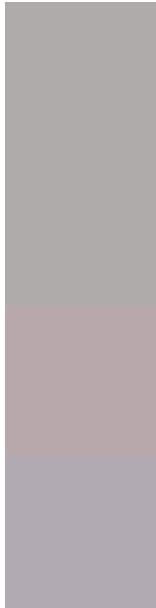
Deuteranopia

189, 167, 172



Tritanopia
178, 169, 183

Trichromacy



Original Color

176, 171, 171

Protanomaly

175, 171, 171

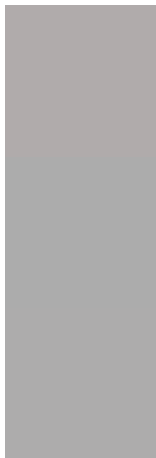
Deuteranomaly

184, 168, 172

Tritanomaly

177, 170, 179

Monochromacy



Original Color

176, 171, 171

Achromatopsia

172, 172, 172

Achromatomaly

173, 172, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 176, 171, 171 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, 171, 171)` looks like.

```
.text, #text, p{  
    color:rgb(176, 171, 171)  
}
```

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, 171, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 171, 171) }
```

Border

The CSS property to change the border of an element to RGB 176, 171, 171 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, 171, 171) }
```

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

```
.border{ border-color:rgb(176, 171, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 171, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 171, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 171, 171);  
box-shadow:4px 4px 4px 4px rgb(176, 171,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 176, 171, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 171, 171) }
```

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

```
.background{ background-color: rgb(176,  
171, 171) }
```

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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