

Converting Colors

`RYB(176, 184, 157)`

Have a look what the booklet for
RYB(176, 184, 157) contains.

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Color

R_YB(176, 184, 157)

Conversions

Conversions Part 1

Format	Color
Hex	B8AD9D
RGB	184, 173, 157
RGB Percent	72%, 68%, 62%
CMY	0.2784, 0.3222, 0.3843
CMYK	0.00, 0.06, 0.15, 0.28
HSL	35°, 16%, 67%
HSV	35°, 15%, 72%
XYZ	40.7674, 42.4535, 37.9440
YIQ	174.4650, 11.6920, -2.6440

Conversions

Conversions Part 2

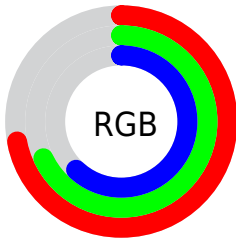
Format	Color
RYB	176, 184, 157
Decimal	12103069
CIELab	71.18, 1.29, 9.57
CIELCh	71, 9.659, 82.331
Yxy	42.4535, 0.3365, 0.3504
Android (android.graphics.Color)	4290293149 (0xFFB8AD9D)
YUV	174.4650, -8.6102, 8.3622
Hunter-Lab	65.1563, -2.3387, 11.0818

Details

The RYB color **176, 184, 157** is a light color, and the websafe version is hex **999999**. A complement of this color would be **157, 165, 184**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **233, 240, 212**, and **123, 131, 106** is the 20% darker color. If you saturate the color by 10%, you get **172, 184, 139**, and if you desaturate by 10%, it is **182, 184, 175**.

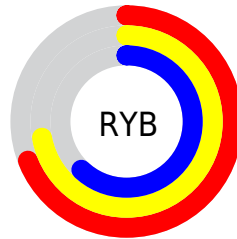
Distribution



Red (72%)

Green (68%)

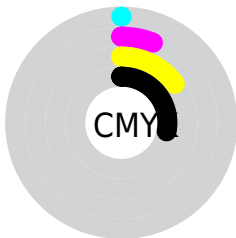
Blue (62%)



Red (69%)

Yellow (72%)

Blue (62%)

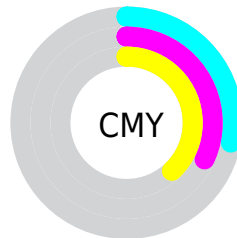


Cyan (0%)

Magenta (6%)

Yellow (15%)

Black (28%)



Cyan (28%)

Magenta (32%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 176, 184, 157 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 RYB color 176, 184, 157 by changing the saturation by 10% instead.

 176, 184, 157

255, 255, 255

 233, 240, 212

 240, 255, 240

 176, 184, 157

 150, 157, 131

 123, 131, 106

 99, 106, 82

 74, 81, 59

 50, 58, 37

 27, 36, 16

 10, 4, 0

 0, 0, 0

 176, 184, 157

 176, 184, 157

■ 172, 184, 139

■ 182, 184, 175

■ 164, 184, 120

■ 184, 187, 194

■ 160, 184, 102

■ 184, 192, 212

■ 155, 184, 83

■ 184, 198, 231

■ 148, 184, 65

■ 184, 203, 249

■ 145, 184, 47

■ 184, 207, 255

■ 137, 184, 28

■ 184, 210, 255

■ 133, 184, 10

■ 184, 213, 255

■ 129, 184, 0

■ 184, 216, 255

Harmonies

Analogous

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



191, 174, 161



176, 184, 157



158, 176, 160

Triad

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



176, 184, 157



152, 166, 181



184, 170, 185

Complementary

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



176, 184, 157



157, 165, 184

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.



173, 173, 190



176, 184, 157



155, 169, 188

Square

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



176, 184, 157



156, 170, 179



163, 172, 191



191, 169, 177

Rectangle

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



176, 184, 157



161, 177, 170



163, 172, 191



180, 171, 187

Sweetspot

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



176, 184, 157



237, 240, 230



184, 157, 168



120, 120, 114



247, 247, 247



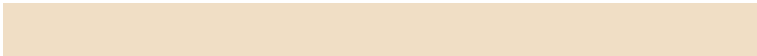
120, 120, 120

Same Dimension

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



176, 184, 157



228, 240, 197



157, 184, 159



90, 92, 83



111, 156, 0



21, 28, 0

Inverse Universe

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



157, 165, 184



197, 209, 240



159, 157, 184



83, 85, 92



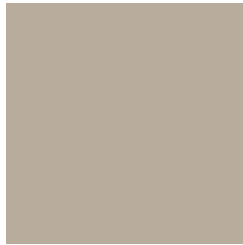
0, 45, 156



0, 8, 28

Previews

White Background



This preview shows how the RYB color 176, 184, 157 looks on a white background.

Color Contrast Check

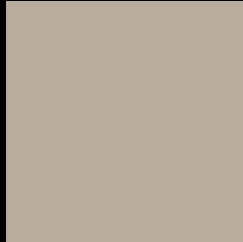
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 176, 184, 157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

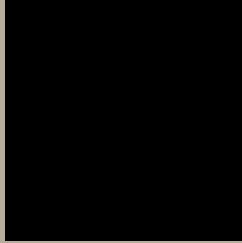
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

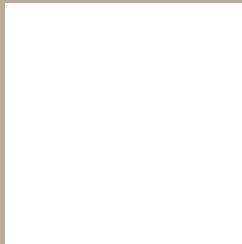
Any Text WCAG AAA ✓ Pass

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

RYB 176, 184, 157 Background



This preview shows how black text looks on a background with the RYB color 176, 184, 157.



This preview shows how white text looks on a background with the RYB color 176, 184, 157.

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, 184, 157

Protanopia

167, 181, 157

Deuteranopia

197, 171, 158



Tritanopia
187, 169, 182

Trichromacy



Original Color

176, 184, 157

Protanomaly

169, 182, 157

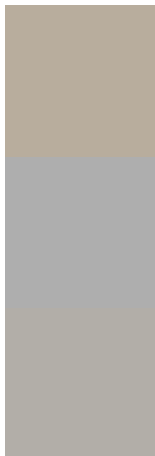
Deuteranomaly

192, 177, 158

Tritanomaly

186, 170, 173

Monochromacy



Original Color

176, 184, 157

Achromatopsia

174, 174, 174

Achromatomaly

175, 178, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 176, 184, 157 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(184, 173, 157) looks like.

```
.text, #text, p{  
    color:rgb(184, 173, 157)  
}
```

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(184, 173, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 173, 157) }
```

Border

The CSS property to change the border of an element to RYB 176, 184, 157 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(184, 173, 157) }
```

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

```
.border{ border-color:rgb(184, 173, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 173, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 173, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 173, 157);  
box-shadow:4px 4px 4px 4px rgb(184, 173,  
157) }
```

Background

The CSS property to change the background color of an element to RYB 176, 184, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 173, 157) }
```

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

```
.background{ background-color: rgb(184,  
173, 157) }
```

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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