

Converting Colors

`RYB(176, 167, 143)`

Have a look what the booklet for
RYB(176, 167, 143) contains.

RYB(176, 167, 143)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(176, 167, 143)

Conversions

Conversions Part 1

Format	Color
Hex	B09D8F
RGB	176, 157, 143
RGB Percent	69%, 62%, 56%
CMY	0.3098, 0.3847, 0.4392
CMYK	0.00, 0.11, 0.19, 0.31
HSL	25°, 17%, 63%
HSV	25°, 19%, 69%
XYZ	34.9016, 35.2916, 30.9591
YIQ	161.0850, 15.8180, -0.3260

Conversions

Conversions Part 2

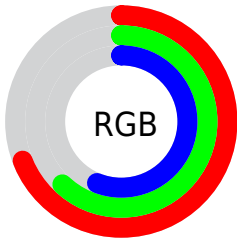
Format	Color
R_{YB}	176, 167, 143
Decimal	11574671
CIE _{Lab}	65.98, 4.71, 9.82
CIE _{LCh}	66, 10.891, 64.404
Y _{xy}	35.2916, 0.3450, 0.3489
Android (android.graphics.Color)	4289764751 (0xFFB09D8F)
YUV	161.0850, -8.9159, 13.0805
Hunter-Lab	59.4067, 0.9073, 10.6865

Details

The RYB color **176, 167, 143** is a light color, and the websafe version is hex **999999**. A complement of this color would be **143, 155, 176**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **232, 223, 197**, and **123, 116, 93** is the 20% darker color. If you saturate the color by 10%, you get **176, 164, 125**, and if you desaturate by 10%, it is **176, 171, 161**.

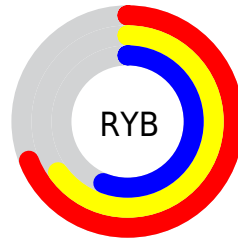
Distribution



Red (69%)

Green (62%)

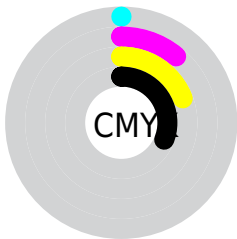
Blue (56%)



Red (69%)

Yellow (65%)

Blue (56%)

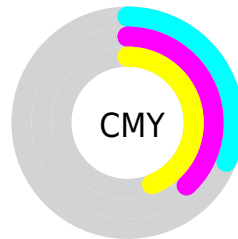


Cyan (0%)

Magenta (11%)

Yellow (19%)

Black (31%)



Cyan (31%)

Magenta (38%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 176, 167, 143 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, 167, 143 by changing the saturation by 10% instead.

 176, 167, 143

255, 255, 255

 232, 220, 197

 255, 255, 225

253, 255, 253

 176, 167, 143

 176, 164, 125


 176, 167, 143

 149, 142, 117

 123, 116, 93

 98, 93, 69

 74, 69, 47

 51, 46, 26

 29, 31, 0


 0, 0, 0


 176, 167, 143


 176, 171, 161

 176, 159, 108


 176, 177, 178

 176, 152, 90


 176, 183, 196

 176, 147, 73


 176, 190, 213

 176, 143, 55

 176, 196, 231

 176, 140, 37

 176, 203, 249

 176, 134, 20

 176, 207, 255

 176, 128, 2

 176, 211, 255

 176, 128, 0

 176, 214, 255

Harmonies

Analogous

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



181, 156, 150



176, 167, 143



151, 167, 141

Triad

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



176, 167, 143



138, 153, 166



164, 157, 176

Complementary

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



176, 167, 143



143, 155, 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.



152, 159, 180



176, 167, 143



136, 152, 171

Square

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



176, 167, 143



145, 160, 165



141, 155, 178



175, 155, 169

Rectangle

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



176, 167, 143



142, 162, 144



141, 155, 178



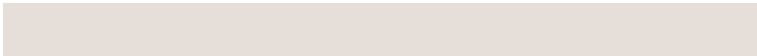
160, 158, 178

Sweetspot

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



176, 167, 143



230, 227, 216



176, 143, 162



115, 112, 107



242, 242, 242



115, 115, 115

Same Dimension

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



176, 167, 143



230, 215, 177



146, 176, 143



89, 87, 80



153, 110, 0



26, 19, 0

Inverse Universe

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



143, 155, 176



177, 196, 230



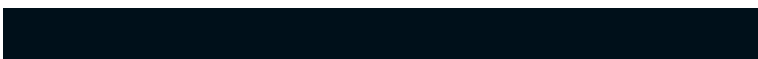
143, 146, 176



80, 83, 89



0, 56, 153



0, 10, 26

Previews

White Background



This preview shows how the RYB color 176, 167, 143 looks on a white background.

Color Contrast Check

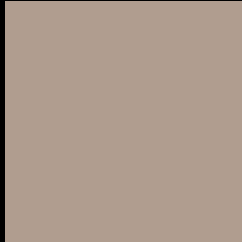
Large Text (above 18pt) WCAG AA × Fail

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, 167, 143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

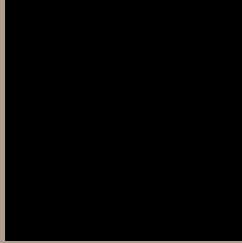
Any Text WCAG AA ✓ Pass

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, 167, 143 Background



This preview shows how black text looks on a background with the RYB color 176, 167, 143.



This preview shows how white text looks on a background with the RYB color 176, 167, 143.

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, 167, 143

Protanopia
155, 167, 145

Deuteranopia
182, 160, 143



Tritanopia
179, 154, 166

Trichromacy



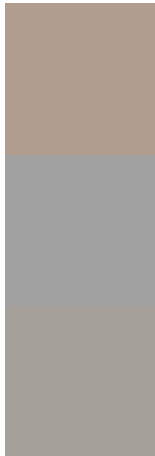
Original Color
176, 167, 143

Protanomaly
163, 170, 144

Deuteranomaly
180, 163, 143

Tritanomaly
178, 155, 158

Monochromacy



Original Color
176, 167, 143

Achromatopsia
161, 161, 161

Achromatomaly
166, 166, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 176, 157, 143 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, 157, 143) looks like.

```
.text, #text, p{  
    color:rgb(176, 157, 143)  
}
```

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, 157, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 157, 143) }
```

Border

The CSS property to change the border of an element to RYB 176, 167, 143 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, 157, 143) }
```

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

```
.border{ border-color:rgb(176, 157, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 157, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 157, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 157, 143);  
box-shadow:4px 4px 4px 4px rgb(176, 157,  
143) }
```

Background

The CSS property to change the background color of an element to RYB 176, 167, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 157, 143) }
```

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

```
.background{ background-color: rgb(176,  
157, 143) }
```

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