

Converting Colors

`RYB(157, 184, 139)`

Have a look what the booklet for
RYB(157, 184, 139) contains.

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Color

R_YB(157, 184, 139)

Conversions

Conversions Part 1

Format	Color
Hex	B8AB8B
RGB	184, 171, 139
RGB Percent	72%, 67%, 55%
CMY	0.2784, 0.3289, 0.4549
CMYK	0.00, 0.07, 0.24, 0.28
HSL	43°, 24%, 63%
HSV	43°, 24%, 72%
XYZ	39.0173, 41.2342, 30.3287
YIQ	171.2390, 18.0200, -7.1960

Conversions

Conversions Part 2

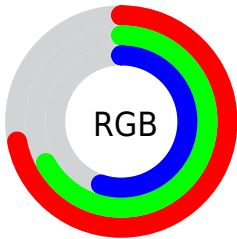
Format	Color
RYB	157, 184, 139
Decimal	12102539
CIELab	70.34, -0.55, 18.25
CIELCh	70, 18.255, 91.738
Yxy	41.2342, 0.3528, 0.3729
Android (android.graphics.Color)	4290292619 (0xFFB8AB8B)
YUV	171.2390, -15.8938, 11.1914
Hunter-Lab	64.2139, -3.9152, 16.9466

Details

The RYB color **157, 184, 139** is a light color, and the websafe version is hex **999966**. A complement of this color would be **139, 149, 184**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **213, 240, 193**, and **104, 130, 89** is the 20% darker color. If you saturate the color by 10%, you get **146, 184, 121**, and if you desaturate by 10%, it is **168, 184, 157**.

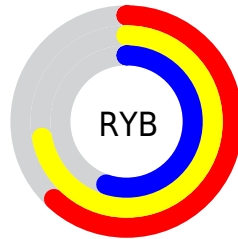
Distribution



Red (72%)

Green (67%)

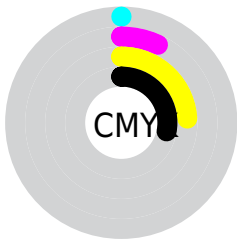
Blue (55%)



Red (62%)

Yellow (72%)

Blue (55%)

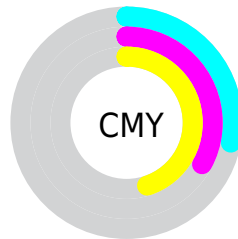


Cyan (0%)

Magenta (7%)

Yellow (24%)

Black (28%)



Cyan (28%)

Magenta (33%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the RYB color 157, 184, 139 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 157, 184, 139 by changing the saturation by 10% instead.

 157, 184, 139


255, 255, 255


 213, 240, 193


 221, 255, 221

 249, 255, 249

 157, 184, 139

 130, 157, 113

 104, 130, 89

 80, 105, 65

 55, 80, 43

 32, 57, 22

 10, 36, 0

 0, 2, 2

 0, 0, 0

 157, 184, 139

 157, 184, 139

■ 146, 184, 121

■ 168, 184, 157

■ 134, 184, 102

■ 179, 184, 176

■ 125, 184, 84

■ 184, 186, 194

■ 113, 184, 65

■ 184, 190, 213

■ 102, 184, 47

■ 184, 194, 231

■ 90, 184, 29

■ 184, 199, 249

■ 80, 184, 10

■ 184, 202, 255

■ 74, 184, 0

■ 184, 205, 255

■ 184, 207, 255

Harmonies

Analogous

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



198, 183, 143



157, 184, 139



144, 176, 154

Triad

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



157, 184, 139



127, 156, 189



195, 163, 188

Complementary

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



157, 184, 139



139, 149, 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.



176, 167, 200



157, 184, 139



136, 162, 201

Square

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



157, 184, 139



132, 160, 182



154, 168, 205



205, 160, 172

Rectangle

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



157, 184, 139



151, 179, 177



154, 168, 205



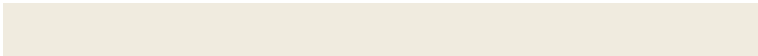
189, 164, 193

Sweetspot

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



157, 184, 139



230, 240, 223



184, 139, 153



114, 120, 110



247, 247, 247



120, 120, 120

Same Dimension

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



157, 184, 139



198, 240, 170



139, 184, 148



88, 92, 83



63, 156, 0



11, 28, 0

Inverse Universe

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



139, 149, 184



170, 186, 240



148, 139, 184



83, 85, 92



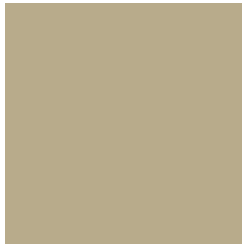
0, 34, 156



0, 6, 28

Previews

White Background



This preview shows how the RYB color 157, 184, 139 looks on a white background.

Color Contrast Check

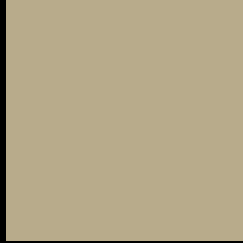
Large Text (above 18pt) WCAG AA × Fail

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 157, 184, 139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

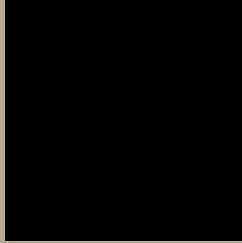
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

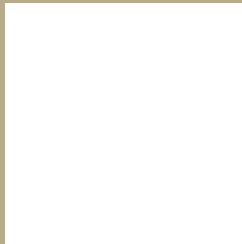
Any Text WCAG AAA ✓ Pass

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

RYB 157, 184, 139 Background



This preview shows how black text looks on a background with the RYB color 157, 184, 139.



This preview shows how white text looks on a background with the RYB color 157, 184, 139.

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
157, 184, 139

Protanopia
152, 182, 139

Deuteranopia
200, 183, 140



Tritanopia
189, 166, 179

Trichromacy



Original Color

157, 184, 139

Protanomaly

154, 183, 139

Deuteranomaly

194, 194, 140

Tritanomaly

187, 169, 164

Monochromacy



Original Color

157, 184, 139

Achromatopsia

171, 171, 171

Achromatomaly

166, 176, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 157, 184, 139 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, 171, 139)` looks like.

```
.text, #text, p{  
    color:rgb(184, 171, 139)  
}
```

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, 171, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 171, 139) }
```

Border

The CSS property to change the border of an element to RYB 157, 184, 139 is called "border". The border property can be set on classes, ids or directly on the HTML element.

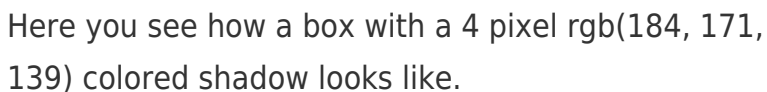
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 171, 139) }
```

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

```
.border{ border-color:rgb(184, 171, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(184, 171, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 171, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 171, 139); box-shadow:4px 4px 4px 4px rgb(184, 171, 139) }
```

Background

The CSS property to change the background color of an element to RYB 157, 184, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 171, 139) }
```

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

```
.background{ background-color: rgb(184,  
171, 139) }
```

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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