

Converting Colors

`RYB(164, 183, 159)`

Have a look what the booklet for RYB(164, 183, 159) contains.

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Color

R_YB(164, 183, 159)

Conversions

Conversions Part 1

Format	Color
Hex	B7B39F
RGB	183, 179, 159
RGB Percent	72%, 70%, 62%
CMY	0.2824, 0.2986, 0.3765
CMYK	0.00, 0.02, 0.13, 0.28
HSL	50°, 14%, 67%
HSV	50°, 13%, 72%
XYZ	41.8789, 44.7554, 39.2323
YIQ	177.9160, 8.8040, -5.3720

Conversions

Conversions Part 2

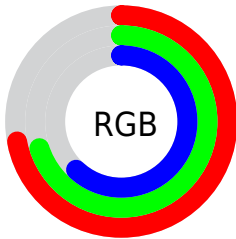
Format	Color
RYB	164, 183, 159
Decimal	12039071
CIELab	72.73, -1.99, 10.67
CIElCh	73, 10.850, 100.556
Yxy	44.7554, 0.3327, 0.3556
Android (android.graphics.Color)	4290229151 (0xFFB7B39F)
YUV	177.9160, -9.3256, 4.4587
Hunter-Lab	66.8995, -5.3336, 12.0598

Details

The RYB color **164, 183, 159** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **159, 162, 183**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **219, 239, 214**, and **113, 130, 108** is the 20% darker color. If you saturate the color by 10%, you get **149, 183, 141**, and if you desaturate by 10%, it is **178, 183, 177**.

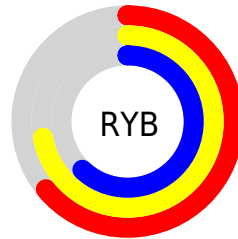
Distribution



Red (72%)

Green (70%)

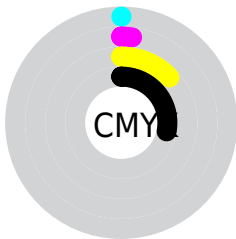
Blue (62%)



Red (64%)

Yellow (72%)

Blue (62%)

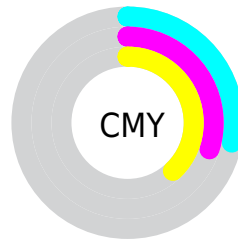


Cyan (0%)

Magenta (2%)

Yellow (13%)

Black (28%)



Cyan (28%)


Magenta (30%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 164, 183, 159 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 164, 183, 159 by changing the saturation by 10% instead.


 164, 183, 159

255, 255, 255


 219, 239, 214

 242, 255, 242

 164, 183, 159

 138, 156, 133

 113, 130, 108

 88, 105, 83


 64, 80, 60


 40, 57, 38

 22, 36, 18

 0, 11, 1

 0, 0, 0

 164, 183, 159

 164, 183, 159

■ 149, 183, 141

■ 178, 183, 177

■ 134, 183, 122

■ 183, 185, 196

■ 121, 183, 104

■ 183, 187, 214

■ 107, 183, 86

■ 183, 190, 232

■ 92, 183, 68

■ 183, 193, 251

■ 77, 183, 49

■ 183, 195, 255

■ 62, 183, 31

■ 183, 197, 255

■ 48, 183, 13

■ 183, 199, 255

■ 39, 183, 0

■ 183, 201, 255

Harmonies

Analogous

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



193, 191, 160



164, 183, 159



163, 182, 174

Triad

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



164, 183, 159



154, 171, 191



195, 172, 185

Complementary

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



164, 183, 159



159, 162, 183

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.



185, 175, 194



164, 183, 159



161, 174, 197

Square

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



164, 183, 159



155, 170, 184



172, 177, 198



200, 172, 175

Rectangle

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



164, 183, 159



164, 180, 183



172, 177, 198



192, 173, 188

Sweetspot

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



164, 183, 159



229, 237, 228



183, 159, 163



115, 120, 114



247, 247, 247



120, 120, 120

Same Dimension

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



164, 183, 159



206, 237, 199



159, 183, 167



86, 92, 83



33, 156, 0



6, 28, 0

Inverse Universe

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



159, 162, 183



199, 205, 237



167, 159, 183



83, 84, 92



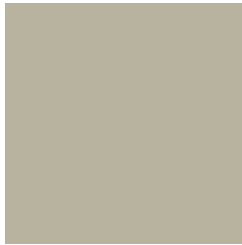
0, 23, 156



0, 4, 28

Previews

White Background



This preview shows how the RYB color 164, 183, 159 looks on a white background.

Color Contrast Check

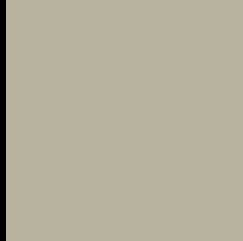
Large Text (above 18pt) WCAG AA × Fail

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 164, 183, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

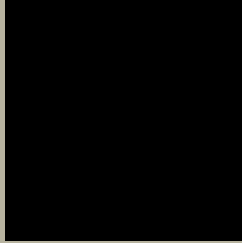
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

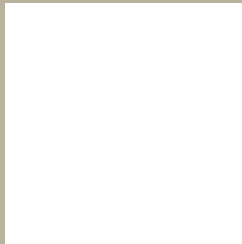
Any Text WCAG AAA ✓ Pass

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

RYB 164, 183, 159 Background



This preview shows how black text looks on a background with the RYB color 164, 183, 159.



This preview shows how white text looks on a background with the RYB color 164, 183, 159.

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
164, 183, 159

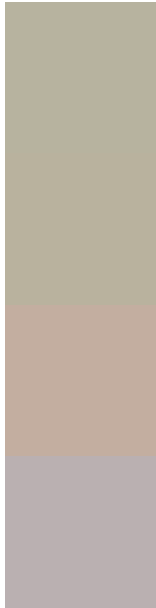
Protanopia
169, 186, 158

Deuteranopia
202, 177, 160



Tritanopia
187, 175, 188

Trichromacy



Original Color

164, 183, 159

Protanomaly

167, 185, 158

Deuteranomaly

195, 183, 160

Tritanomaly

186, 176, 177

Monochromacy



Original Color

164, 183, 159

Achromatopsia

178, 178, 178

Achromatomaly

174, 180, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 164, 183, 159 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(183, 179, 159) looks like.

```
.text, #text, p{  
    color:rgb(183, 179, 159)  
}
```

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(183, 179, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 179, 159) }
```

Border

The CSS property to change the border of an element to RYB 164, 183, 159 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(183, 179, 159) }
```

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

```
.border{ border-color:rgb(183, 179, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 179, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 179, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 179, 159);  
box-shadow:4px 4px 4px 4px rgb(183, 179,  
159) }
```

Background

The CSS property to change the background color of an element to RYB 164, 183, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 179, 159) }
```

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

```
.background{ background-color: rgb(183,  
179, 159) }
```

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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