

Converting Colors

`RYB(188, 151, 159)`

Have a look what the booklet for
RYB(188, 151, 159) contains.

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Color

R_YB(188, 151, 159)

Conversions

Conversions Part 1

Format	Color
Hex	BC979F
RGB	188, 151, 159
RGB Percent	74%, 59%, 62%
CMY	0.2627, 0.4078, 0.3765
CMYK	0.00, 0.20, 0.15, 0.26
HSL	347°, 22%, 66%
HSV	347°, 20%, 74%
XYZ	38.0637, 35.3278, 37.6137
YIQ	162.9750, 19.4840, 10.3320

Conversions

Conversions Part 2

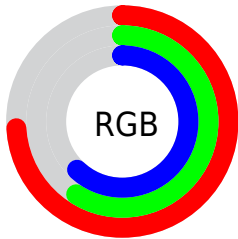
Format	Color
RYB	188, 151, 159
Decimal	12359583
CIELab	66.00, 15.09, 1.05
CIELCh	66, 15.123, 3.989
Yxy	35.3278, 0.3429, 0.3183
Android (android.graphics.Color)	4290549663 (0xFFBC979F)
YUV	162.9750, -1.9597, 21.9469
Hunter-Lab	59.4372, 10.2966, 4.0855

Details

The RYB color **188, 151, 159** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **151, 172, 188**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **245, 205, 214**, and **134, 100, 108** is the 20% darker color. If you saturate the color by 10%, you get **188, 132, 144**, and if you desaturate by 10%, it is **188, 170, 174**.

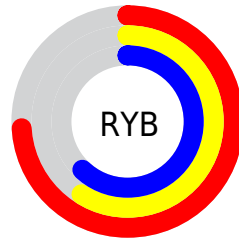
Distribution



Red (74%)

Green (59%)

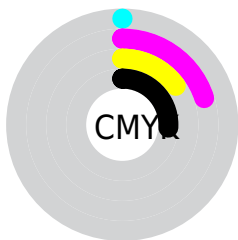
Blue (62%)



Red (74%)

Yellow (59%)

Blue (62%)

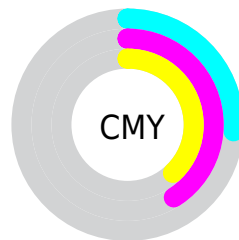


Cyan (0%)

Magenta (20%)

Yellow (15%)

Black (26%)



Cyan (26%)

Magenta (41%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 188, 151, 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 188, 151, 159 by changing the saturation by 10% instead.


 188, 151, 159


255, 255, 255

 245, 205, 214


 255, 234, 242

 188, 151, 159

 161, 125, 133

 134, 100, 108


 109, 76, 83

 84, 53, 60


 60, 31, 39

 38, 10, 18

 0, 0, 0

 188, 151, 159

 188, 132, 144

 188, 151, 159


 188, 170, 174

 188, 113, 130

 188, 189, 189

 188, 95, 115

 188, 199, 207

 188, 76, 100

 188, 209, 226

 188, 57, 85

 188, 220, 245

 188, 38, 71

 188, 224, 255

 188, 19, 56

 188, 222, 255

 188, 1, 41

 188, 0, 41

Harmonies

Analogous

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



180, 153, 173



188, 151, 159



188, 153, 146

Triad

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



188, 151, 159



138, 164, 148



132, 152, 184

Complementary

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



188, 151, 159



151, 172, 188

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.



125, 148, 175



188, 151, 159



139, 160, 167

Square

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



188, 151, 159



145, 169, 133



128, 150, 168



148, 158, 187

Rectangle

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



188, 151, 159



185, 161, 139



128, 150, 168



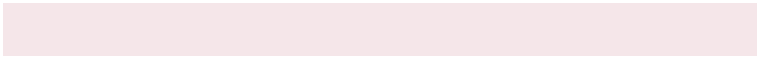
129, 151, 182

Sweetspot

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



188, 151, 159



245, 230, 233



180, 151, 188



122, 114, 116



250, 250, 250



122, 122, 122

Same Dimension

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



188, 151, 159



245, 186, 199



188, 165, 151



94, 85, 87



158, 0, 34



31, 0, 7

Inverse Universe

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



188, 151, 159



245, 186, 199



151, 167, 188



94, 85, 87



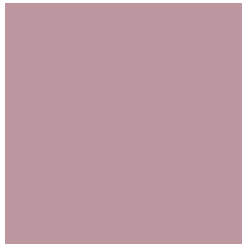
158, 0, 34



31, 0, 7

Previews

White Background



This preview shows how the RYB color 188, 151, 159 looks on a white background.

Color Contrast Check

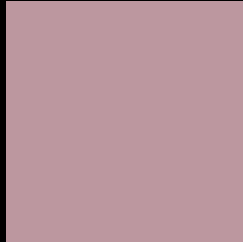
Large Text (above 18pt) WCAG AA × Fail

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 188, 151, 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 188, 151, 159 Background



This preview shows how black text looks on a background with the RYB color 188, 151, 159.



This preview shows how white text looks on a background with the RYB color 188, 151, 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
188, 151, 159

Protanopia
162, 160, 164

Deuteranopia
177, 155, 158



Tritanopia
188, 150, 162

Trichromacy



Original Color

188, 151, 159

Protanomaly

171, 157, 162

Deuteranomaly

181, 154, 158

Tritanomaly

188, 150, 161

Monochromacy



Original Color

188, 151, 159

Achromatopsia

163, 163, 163

Achromatomaly

172, 159, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 188, 151, 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(188, 151, 159) looks like.

```
.text, #text, p{  
    color:rgb(188, 151, 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(188, 151, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 151, 159) }
```

Border

The CSS property to change the border of an element to RYB 188, 151, 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(188, 151, 159) }
```

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

```
.border{ border-color:rgb(188, 151, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 151, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 151, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 151, 159);  
box-shadow:4px 4px 4px 4px rgb(188, 151,  
159) }
```

Background

The CSS property to change the background color of an element to RYB 188, 151, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 151, 159) }
```

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

```
.background{ background-color: rgb(188,  
151, 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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