

Converting Colors

`RYB(181, 151, 151)`

Have a look what the booklet for
RYB(181, 151, 151) contains.

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Color

R_YB(181, 151, 151)

Conversions

Conversions Part 1

Format	Color
Hex	B59797
RGB	181, 151, 151
RGB Percent	71%, 59%, 59%
CMY	0.2902, 0.4078, 0.4078
CMYK	0.00, 0.17, 0.17, 0.29
HSL	0°, 17%, 65%
HSV	0°, 17%, 71%
XYZ	35.7086, 34.1913, 33.9957
YIQ	159.9700, 17.8800, 6.3600

Conversions

Conversions Part 2

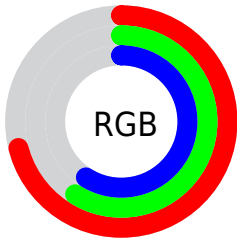
Format	Color
RYB	181, 151, 151
Decimal	11900823
CIELab	65.11, 11.15, 4.17
CIElCh	65, 11.909, 20.504
Yxy	34.1913, 0.3437, 0.3291
Android (android.graphics.Color)	4290090903 (0xFFB59797)
YUV	159.9700, -4.4222, 18.4433
Hunter-Lab	58.4734, 6.6782, 6.4609

Details

The RYB color **181, 151, 151** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **151, 166, 181**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **237, 205, 205**, and **128, 100, 100** is the 20% darker color. If you saturate the color by 10%, you get **181, 133, 133**, and if you desaturate by 10%, it is **181, 169, 169**.

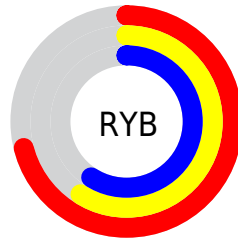
Distribution



Red (71%)

Green (59%)

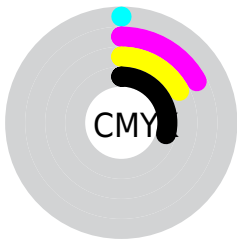
Blue (59%)



Red (71%)

Yellow (59%)

Blue (59%)

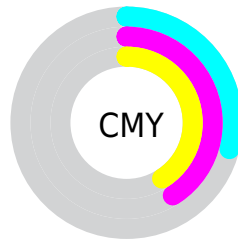


Cyan (0%)

Magenta (17%)

Yellow (17%)

Black (29%)



Cyan (29%)


Magenta (41%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 151, 151 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 181, 151, 151 by changing the saturation by 10% instead.


 181, 151, 151

255, 255, 255

 237, 205, 205

 255, 233, 233

 181, 151, 151

 154, 125, 125

 128, 100, 100


 102, 76, 76


 78, 53, 54


 55, 32, 32


 34, 10, 9


 0, 0, 0


 181, 151, 151

 181, 133, 133


 181, 151, 151

 181, 169, 169

 181, 115, 115


 181, 184, 187

 181, 97, 97

 181, 193, 205


 181, 79, 79


 181, 202, 223


 181, 61, 61

 181, 212, 242

 181, 42, 42

 181, 218, 255

 181, 24, 24

 181, 6, 6

 181, 0, 0

Harmonies

Analogous

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



178, 151, 162



181, 151, 151



178, 158, 142

Triad

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



181, 151, 151



144, 162, 160



143, 155, 179

Complementary

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



181, 151, 151



151, 166, 181

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.



133, 150, 174



181, 151, 151



136, 153, 164

Square

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



181, 151, 151



138, 160, 139



131, 148, 165



156, 156, 178

Rectangle

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



181, 151, 151



173, 171, 138



131, 148, 165



139, 153, 178

Sweetspot

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



181, 151, 151



235, 223, 223



181, 151, 181



117, 110, 110



245, 245, 245



117, 117, 117

Same Dimension

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



181, 151, 151



235, 188, 188



181, 181, 151



89, 80, 80



153, 0, 0



26, 0, 0

Inverse Universe

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



151, 166, 181



188, 212, 235



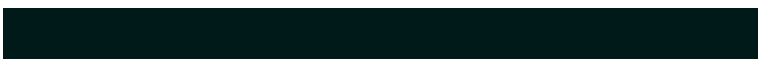
151, 161, 181



80, 85, 89



0, 77, 153



0, 13, 26

Previews

White Background



This preview shows how the RYB color 181, 151, 151 looks on a white background.

Color Contrast Check

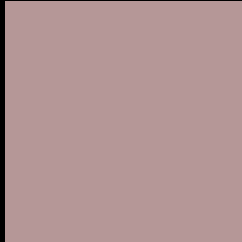
Large Text (above 18pt) WCAG AA × Fail

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 181, 151, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

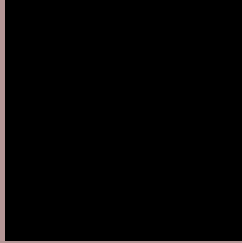
Any Text WCAG AA ✓ Pass

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 181, 151, 151 Background



This preview shows how black text looks on a background with the RYB color 181, 151, 151.



This preview shows how white text looks on a background with the RYB color 181, 151, 151.

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
181, 151, 151

Protanopia
162, 158, 155

Deuteranopia
176, 153, 151



Tritanopia
182, 149, 161

Trichromacy



Original Color

181, 151, 151

Protanomaly

169, 155, 154

Deuteranomaly

178, 152, 151

Tritanomaly

182, 150, 157

Monochromacy



Original Color

181, 151, 151

Achromatopsia

160, 160, 160

Achromatomaly

168, 157, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 151, 151 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(181, 151, 151)` looks like.

```
.text, #text, p{  
    color:rgb(181, 151, 151)  
}
```

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(181, 151, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 151, 151) }
```

Border

The CSS property to change the border of an element to RYB 181, 151, 151 is called "border". The border property can be set on classes, ids or directly on the HTML element.

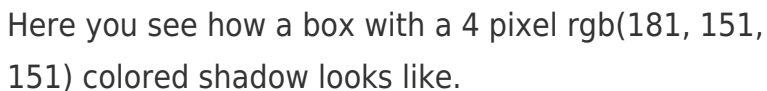
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 151, 151) }
```

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

```
.border{ border-color:rgb(181, 151, 151) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 151, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 151, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 151, 151);  
box-shadow:4px 4px 4px 4px rgb(181, 151,  
151) }
```

Background

The CSS property to change the background color of an element to RYB 181, 151, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 151, 151) }
```

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

```
.background{ background-color: rgb(181,  
151, 151) }
```

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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