

Converting Colors

`RYB(185, 151, 151)`

Have a look what the booklet for
RYB(185, 151, 151) contains.

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Color

R_YB(185, 151, 151)

Conversions

Conversions Part 1

Format	Color
Hex	B99797
RGB	185, 151, 151
RGB Percent	73%, 59%, 59%
CMY	0.2745, 0.4078, 0.4078
CMYK	0.00, 0.18, 0.18, 0.27
HSL	0°, 20%, 66%
HSV	0°, 18%, 73%
XYZ	36.6601, 34.6819, 34.0402
YIQ	161.1660, 20.2640, 7.2080

Conversions

Conversions Part 2

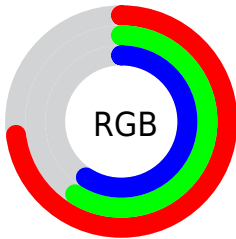
Format	Color
RYB	185, 151, 151
Decimal	12162967
CIELab	65.50, 12.67, 4.78
CIELCh	66, 13.538, 20.665
Yxy	34.6819, 0.3479, 0.3291
Android (android.graphics.Color)	4290353047 (0xFFB99797)
YUV	161.1660, -5.0118, 20.9024
Hunter-Lab	58.8913, 8.0572, 6.9532

Details

The RYB color **185, 151, 151** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **151, 168, 185**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **241, 205, 205**, and **131, 100, 100** is the 20% darker color. If you saturate the color by 10%, you get **185, 133, 133**, and if you desaturate by 10%, it is **185, 170, 170**.

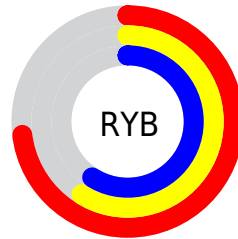
Distribution



Red (73%)

Green (59%)

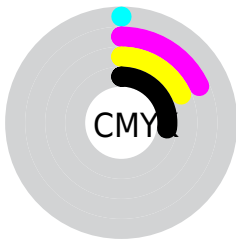
Blue (59%)



Red (73%)

Yellow (59%)

Blue (59%)

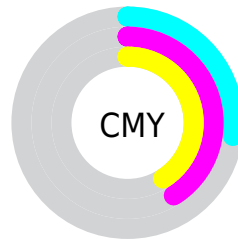


Cyan (0%)

Magenta (18%)

Yellow (18%)

Black (27%)



Cyan (27%)

Magenta (41%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 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 185, 151, 151 by changing the saturation by 10% instead.


 185, 151, 151


255, 255, 255

 241, 205, 205


 255, 234, 233

 185, 151, 151

 158, 125, 125

 131, 100, 100

 106, 76, 76

 81, 53, 54

 57, 32, 32

 36, 10, 9

 0, 0, 0

 185, 151, 151

 185, 133, 133

 185, 151, 151

 185, 170, 170

 185, 114, 114

 185, 187, 188

 185, 96, 96

 185, 196, 206

 185, 77, 77

 185, 205, 225

 185, 59, 59

 185, 215, 244

 185, 40, 40

 185, 220, 255

 185, 22, 22

 185, 3, 3

 185, 0, 0

Harmonies

Analogous

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



181, 151, 163



185, 151, 151



182, 158, 141

Triad

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



185, 151, 151



143, 164, 161



141, 155, 183

Complementary

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



185, 151, 151



151, 168, 185

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.



131, 150, 177



185, 151, 151



134, 153, 166

Square

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



185, 151, 151



136, 161, 137



128, 147, 167



157, 157, 182

Rectangle

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



185, 151, 151



176, 174, 137



128, 147, 167



137, 153, 182

Sweetspot

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



185, 151, 151



240, 225, 225



185, 151, 185



120, 111, 111



247, 247, 247



120, 120, 120

Same Dimension

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



185, 151, 151



240, 187, 187



185, 185, 151



92, 83, 83



156, 0, 0



28, 0, 0

Inverse Universe

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



151, 168, 185



187, 214, 240



151, 162, 185



83, 88, 92



0, 78, 156



0, 14, 28

Previews

White Background



This preview shows how the RYB color 185, 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 185, 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 185, 151, 151 Background



This preview shows how black text looks on a background with the RYB color 185, 151, 151.



This preview shows how white text looks on a background with the RYB color 185, 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
185, 151, 151

Protanopia
163, 163, 155

Deuteranopia
178, 155, 150



Tritanopia
186, 149, 161

Trichromacy



Original Color
185, 151, 151

Protanomaly
171, 156, 154

Deuteranomaly
181, 153, 150

Tritanomaly
186, 150, 157

Monochromacy



Original Color
185, 151, 151

Achromatopsia
161, 161, 161

Achromatomaly
170, 157, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 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(185, 151, 151) looks like.

```
.text, #text, p{  
    color:rgb(185, 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(185, 151, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 151, 151) }
```

Border

The CSS property to change the border of an element to RYB 185, 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(185, 151, 151) }
```

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

```
.border{ border-color:rgb(185, 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(185, 151, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 151, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 151, 151);  
box-shadow:4px 4px 4px 4px rgb(185, 151,  
151) }
```

Background

The CSS property to change the background color of an element to RYB 185, 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(185, 151, 151) }
```

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

```
.background{ background-color: rgb(185,  
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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