

Converting Colors

`RYB(191, 151, 152)`

Have a look what the booklet for RYB(191, 151, 152) contains.

RYB(191, 151, 152)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(191, 151, 152)

Conversions

Conversions Part 1

Format	Color
Hex	BF9798
RGB	191, 151, 152
RGB Percent	75%, 59%, 60%
CMY	0.2510, 0.4078, 0.4039
CMYK	0.00, 0.21, 0.20, 0.25
HSL	358°, 24%, 67%
HSV	358°, 21%, 75%
XYZ	38.2200, 35.4766, 34.5390
YIQ	163.0740, 23.5190, 8.7910

Conversions

Conversions Part 2

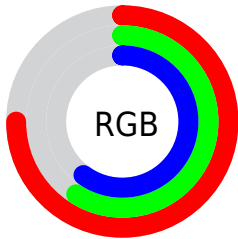
Format	Color
R_{YB}	191, 151, 152
Decimal	12556184
CIE _{Lab}	66.12, 15.09, 5.18
CIE _{LCh}	66, 15.960, 18.951
Yxy	35.4766, 0.3531, 0.3278
Android (android.graphics.Color)	4290746264 (0xFFBF9798)
YUV	163.0740, -5.4595, 24.4911
Hunter-Lab	59.5622, 10.3062, 7.3124

Details

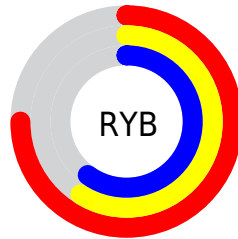
The RYB color **191, 151, 152** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **151, 171, 191**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **248, 205, 206**, and **137, 100, 101** is the 20% darker color. If you saturate the color by 10%, you get **191, 132, 133**, and if you desaturate by 10%, it is **191, 170, 171**.

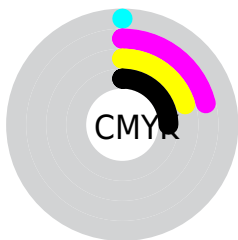
Distribution



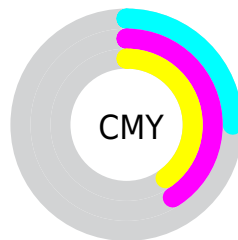
- Red (75%)
- Green (59%)
- Blue (60%)



- Red (75%)
- Yellow (59%)
- Blue (60%)



- Cyan (0%)
- Magenta (21%)
- Yellow (20%)
- Black (25%)




- Cyan (25%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 191, 151, 152 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 191, 151, 152 by changing the saturation by 10% instead.


 191, 151, 152

255, 255, 255


 248, 205, 206

 255, 234, 234

 191, 151, 152


 164, 125, 126

 137, 100, 101

 111, 76, 77


 86, 53, 55


 62, 31, 33


 40, 10, 10


 0, 0, 0


 191, 151, 152

 191, 132, 133


 191, 151, 152

 191, 170, 171

 191, 113, 115

 191, 189, 189

 191, 94, 96

 191, 200, 208


 191, 75, 78

 191, 209, 227

 191, 55, 59

 191, 220, 247

 191, 36, 40

 191, 223, 255

 191, 17, 22

 191, 0, 5

Harmonies

Analogous

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



186, 151, 167



191, 151, 152



187, 160, 140

Triad

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



191, 151, 152



142, 166, 162



138, 155, 188

Complementary

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



191, 151, 152



151, 171, 191

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.



126, 150, 182



191, 151, 152



131, 154, 169

Square

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



191, 151, 152



134, 163, 135



123, 146, 169



157, 159, 188

Rectangle

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



191, 151, 152



181, 175, 134



123, 146, 169



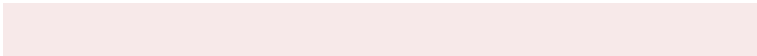
133, 153, 187

Sweetspot

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



191, 151, 152



247, 233, 233



190, 151, 191



125, 116, 116



252, 252, 252



125, 125, 125

Same Dimension

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



191, 151, 152



247, 186, 187



191, 187, 151



94, 85, 85



158, 0, 4



31, 0, 1

Inverse Universe

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



191, 151, 152



247, 186, 187



151, 165, 191



94, 85, 85



158, 0, 4



31, 0, 1

Previews

White Background



This preview shows how the RYB color 191, 151, 152 looks on a white background.

Color Contrast Check

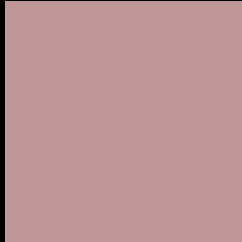
Large Text (above 18pt) WCAG AA × Fail

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 191, 151, 152 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 191, 151, 152 Background



This preview shows how black text looks on a background with the RYB color 191, 151, 152.



This preview shows how white text looks on a background with the RYB color 191, 151, 152.

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

191, 151, 152

Protanopia

165, 162, 157

Deuteranopia

180, 156, 151



Tritanopia
192, 150, 161

Trichromacy



Original Color
191, 151, 152

Protanomaly
174, 157, 155

Deuteranomaly
184, 154, 151

Tritanomaly
192, 150, 158

Monochromacy



Original Color
191, 151, 152

Achromatopsia
163, 163, 163

Achromatomaly
173, 159, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 191, 151, 152 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(191, 151, 152)` looks like.

```
.text, #text, p{  
    color:rgb(191, 151, 152)  
}
```

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(191, 151, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 151, 152) }
```

Border

The CSS property to change the border of an element to RYB 191, 151, 152 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(191, 151, 152) }
```

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

```
.border{ border-color:rgb(191, 151, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 151, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 151, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 151, 152);  
box-shadow:4px 4px 4px 4px rgb(191, 151,  
152) }
```

Background

The CSS property to change the background color of an element to RYB 191, 151, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 151, 152) }
```

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

```
.background{ background-color: rgb(191,  
151, 152) }
```

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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