

Converting Colors

`RYB(151, 191, 158)`

Have a look what the booklet for
RYB(151, 191, 158) contains.

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Color

R_YB(151, 191, 158)

Conversions

Conversions Part 1

Format	Color
Hex	B8BF97
RGB	184, 191, 151
RGB Percent	72%, 75%, 59%
CMY	0.2784, 0.2510, 0.4078
CMYK	0.04, 0.00, 0.21, 0.25
HSL	70°, 24%, 67%
HSV	70°, 21%, 75%
XYZ	43.9839, 49.6863, 36.5504
YIQ	184.3470, 8.6680, -13.9240

Conversions

Conversions Part 2

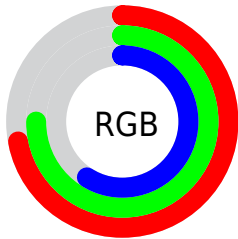
Format	Color
RYB	151, 191, 158
Decimal	12107671
CIELab	75.88, -9.28, 19.41
CIELCh	76, 21.513, 115.544
Yxy	49.6863, 0.3378, 0.3816
Android (android.graphics.Color)	4290297751 (0xFFB8BF97)
YUV	184.3470, -16.4401, -0.3043
Hunter-Lab	70.4885, -11.9733, 18.5984

Details

The RYB color **151, 191, 158** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **158, 151, 191**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **205, 247, 212**, and **100, 138, 107** is the 20% darker color. If you saturate the color by 10%, you get **132, 191, 142**, and if you desaturate by 10%, it is **170, 191, 174**.

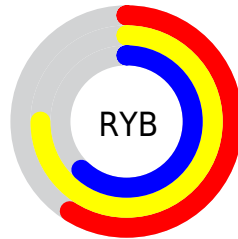
Distribution



Red (72%)

Green (75%)

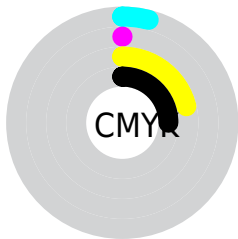
Blue (59%)



Red (59%)

Yellow (75%)

Blue (62%)

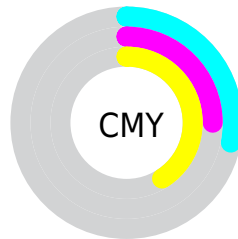


Cyan (4%)

Magenta (0%)

Yellow (21%)

Black (25%)



Cyan (28%)


Magenta (25%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 151, 191, 158 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 151, 191, 158 by changing the saturation by 10% instead.

 151, 191, 158


255, 255, 255

 205, 247, 212

 234, 255, 234


 151, 191, 158

 125, 164, 132

 100, 138, 107

 76, 112, 83


 53, 88, 60


 31, 65, 39


 8, 43, 16


 0, 23, 14


 0, 0, 0


 151, 191, 158


 151, 191, 158

 132, 191, 142

 170, 191, 174

 113, 191, 127

 189, 191, 189


 94, 191, 111

 194, 191, 208

 75, 191, 95

 197, 191, 227

 55, 191, 79


 201, 191, 247


 36, 191, 63


 204, 191, 255

 17, 191, 47

 207, 191, 255

 0, 191, 33

 211, 191, 255

 214, 191, 255

Harmonies

Analogous

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



179, 205, 148



151, 191, 158



161, 193, 196

Triad

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



151, 191, 158



139, 172, 219



225, 173, 191

Complementary

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



151, 191, 158



158, 151, 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.



210, 177, 210



151, 191, 158



160, 181, 226

Square

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



151, 191, 158



132, 166, 203



187, 183, 223



228, 174, 171

Rectangle

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



151, 191, 158



148, 180, 198



187, 183, 223



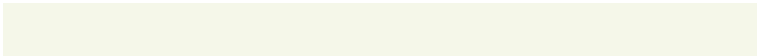
221, 174, 197

Sweetspot

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



151, 191, 158



233, 247, 235



191, 159, 151



116, 125, 118



252, 252, 252



125, 125, 125

Same Dimension

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



151, 191, 158



186, 247, 196



151, 191, 178



85, 94, 86



0, 158, 28



0, 31, 6

Inverse Universe

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



158, 151, 191



196, 186, 247



178, 151, 191



87, 85, 94



28, 0, 158



5, 0, 31

Previews

White Background



This preview shows how the RYB color 151, 191, 158 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 151, 191, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

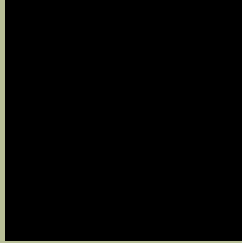
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

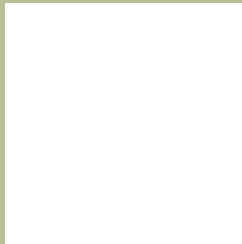
Any Text WCAG AAA ✓ Pass

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

RYB 151, 191, 158 Background



This preview shows how black text looks on a background with the RYB color 151, 191, 158.




This preview shows how white text looks on a background with the RYB color 151, 191, 158.

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](#).

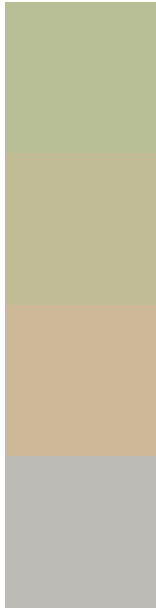
Dichromacy





Tritanopia
191, 184, 199

Trichromacy



Original Color
151, 191, 158

Protanomaly
157, 194, 150

Deuteranomaly
187, 205, 152

Tritanomaly
183, 188, 182

Monochromacy



Original Color
151, 191, 158

Achromatopsia
184, 184, 184

Achromatomaly
172, 187, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 151, 191, 158 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(184, 191, 151)` looks like.

```
.text, #text, p{  
    color:rgb(184, 191, 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(184, 191, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 191, 151) }
```

Border

The CSS property to change the border of an element to RYB 151, 191, 158 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(184, 191, 151) }
```

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

```
.border{ border-color:rgb(184, 191, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 191, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 191, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 191, 151);  
box-shadow:4px 4px 4px 4px rgb(184, 191,  
151) }
```

Background

The CSS property to change the background color of an element to RYB 151, 191, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 191, 151) }
```

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

```
.background{ background-color: rgb(184,  
191, 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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