

Converting Colors

`RYB(151, 198, 158)`

Have a look what the booklet for
RYB(151, 198, 158) contains.

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Color

R_YB(151, 198, 158)

Conversions

Conversions Part 1

Format	Color
Hex	BFC697
RGB	191, 198, 151
RGB Percent	75%, 78%, 59%
CMY	0.2510, 0.2235, 0.4078
CMYK	0.04, 0.00, 0.24, 0.22
HSL	69°, 29%, 68%
HSV	69°, 24%, 78%
XYZ	47.2659, 53.6989, 37.1519
YIQ	190.5490, 10.9150, -16.1010

Conversions

Conversions Part 2

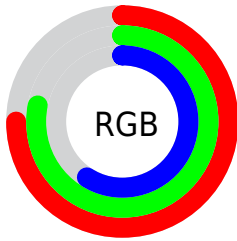
Format	Color
RYB	151, 198, 158
Decimal	12568215
CIELab	78.29, -10.27, 22.81
CIElCh	78, 25.013, 114.249
Yxy	53.6989, 0.3422, 0.3888
Android (android.graphics.Color)	4290758295 (0xFFBFC697)
YUV	190.5490, -19.4977, 0.3955
Hunter-Lab	73.2795, -13.1053, 21.2363

Details

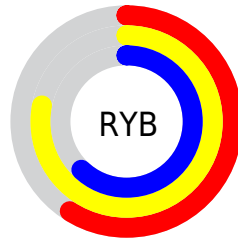
The RYB color **151, 198, 158** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **158, 151, 198**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **205, 255, 212**, and **100, 144, 107** is the 20% darker color. If you saturate the color by 10%, you get **131, 198, 141**, and if you desaturate by 10%, it is **171, 198, 175**.

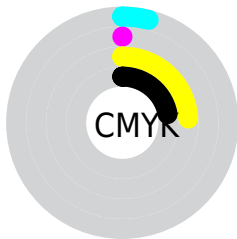
Distribution



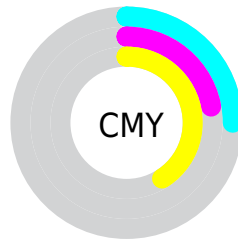
- Red (75%)
- Green (78%)
- Blue (59%)



- Red (59%)
- Yellow (78%)
- Blue (62%)



- Cyan (4%)
- Magenta (0%)
- Yellow (24%)
- Black (22%)




- Cyan (25%)
- Magenta (22%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 151, 198, 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, 198, 158 by changing the saturation by 10% instead.

 151, 198, 158


255, 255, 255

 205, 255, 212

 234, 255, 234

 151, 198, 158

 125, 171, 132

 100, 144, 107

 76, 119, 84


 52, 94, 59


 30, 70, 37


 8, 48, 16


 0, 27, 9


 0, 0, 0


 151, 198, 158


 151, 198, 158


 131, 198, 141


 171, 198, 175

 111, 198, 124


 191, 198, 192


 92, 198, 108


 200, 198, 210

 72, 198, 91

 203, 198, 230

 52, 198, 74


 206, 198, 250

 32, 198, 57

 209, 198, 255

 12, 198, 40

 212, 198, 255

 0, 198, 29

 215, 198, 255

 218, 198, 255

Harmonies

Analogous

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



185, 215, 148



151, 198, 158



164, 202, 204

Triad

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



151, 198, 158



135, 175, 231



237, 177, 199

Complementary

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



151, 198, 158



158, 151, 198

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.



219, 182, 221



151, 198, 158



160, 185, 239

Square

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



151, 198, 158



128, 169, 212



192, 189, 236



241, 178, 176

Rectangle

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



151, 198, 158



148, 185, 206



192, 189, 236



232, 178, 207

Sweetspot

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



151, 198, 158



237, 255, 240



198, 158, 151



117, 128, 119



0, 0, 0



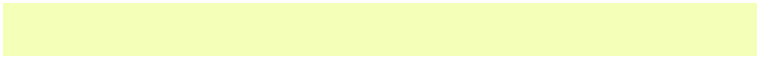
128, 128, 128

Same Dimension

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



151, 198, 158



184, 255, 195



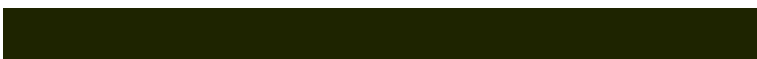
151, 198, 181



90, 99, 91



0, 163, 24



0, 36, 6

Inverse Universe

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



158, 151, 198



194, 184, 255



181, 151, 198



91, 90, 99



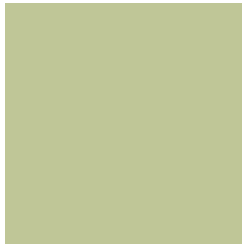
24, 0, 163



5, 0, 36

Previews

White Background



This preview shows how the RYB color 151, 198, 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, 198, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

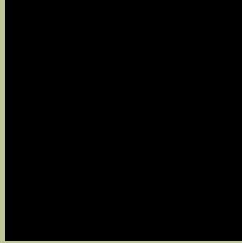
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

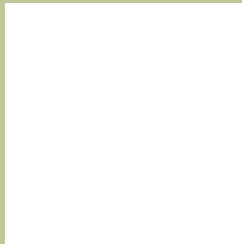
Any Text WCAG AAA ✓ Pass

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

RYB 151, 198, 158 Background



This preview shows how black text looks on a background with the RYB color 151, 198, 158.



This preview shows how white text looks on a background with the RYB color 151, 198, 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



Original Color
151, 198, 158

Protanopia
167, 207, 149

Deuteranopia
226, 212, 154



Tritanopia
198, 191, 206

Trichromacy



Original Color

151, 198, 158

Protanomaly

157, 201, 150

Deuteranomaly

190, 213, 153

Tritanomaly

187, 195, 186

Monochromacy



Original Color

151, 198, 158

Achromatopsia

191, 191, 191

Achromatomaly

176, 194, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 151, 198, 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(191, 198, 151)` looks like.

```
.text, #text, p{  
    color:rgb(191, 198, 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(191, 198, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 198, 151) }
```

Border

The CSS property to change the border of an element to RYB 151, 198, 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(191, 198, 151) }
```

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

```
.border{ border-color:rgb(191, 198, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 198, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 198, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 198, 151);  
box-shadow:4px 4px 4px 4px rgb(191, 198,  
151) }
```

Background

The CSS property to change the background color of an element to RYB 151, 198, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 198, 151) }
```

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

```
.background{ background-color: rgb(191,  
198, 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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