

Converting Colors

`RYB(152, 190, 159)`

Have a look what the booklet for
RYB(152, 190, 159) contains.

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Color

R_YB(152, 190, 159)

Conversions

Conversions Part 1

Format	Color
Hex	B7BE98
RGB	183, 190, 152
RGB Percent	72%, 75%, 60%
CMY	0.2824, 0.2549, 0.4039
CMYK	0.04, 0.00, 0.20, 0.25
HSL	71°, 23%, 67%
HSV	71°, 20%, 75%
XYZ	43.6094, 49.1612, 36.8964
YIQ	183.5750, 8.0260, -13.3020

Conversions

Conversions Part 2

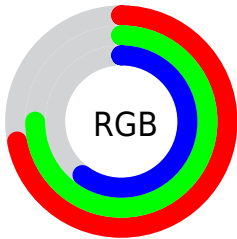
Format	Color
RYB	152, 190, 159
Decimal	12041880
CIELab	75.55, -8.98, 18.41
CIElCh	76, 20.484, 115.991
Yxy	49.1612, 0.3363, 0.3791
Android (android.graphics.Color)	4290231960 (0xFFB7BE98)
YUV	183.5750, -15.5665, -0.5043
Hunter-Lab	70.1150, -11.6798, 17.8806

Details

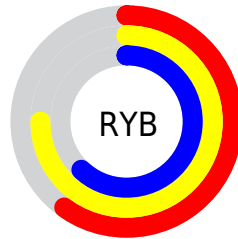
The RYB color **152, 190, 159** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **159, 152, 190**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **206, 246, 213**, and **101, 137, 108** is the 20% darker color. If you saturate the color by 10%, you get **133, 190, 143**, and if you desaturate by 10%, it is **171, 190, 174**.

Distribution



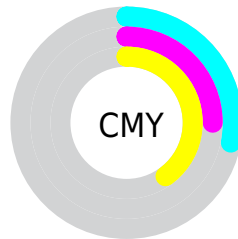
- Red (72%)
- Green (75%)
- Blue (60%)



- Red (60%)
- Yellow (75%)
- Blue (62%)



- Cyan (4%)
- Magenta (0%)
- Yellow (20%)
- Black (25%)



- Cyan (28%)
- Magenta (25%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 152, 190, 159 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 152, 190, 159 by changing the saturation by 10% instead.

 152, 190, 159


255, 255, 255

 206, 246, 213

 235, 255, 235

 152, 190, 159

 126, 163, 133

 101, 137, 108

 77, 111, 84

 54, 87, 61

 32, 64, 39

 10, 42, 17

 0, 22, 14

 0, 0, 0

 152, 190, 159

 152, 190, 159

■ 133, 190, 143

■ 171, 190, 174

■ 114, 190, 128

■ 190, 190, 190

■ 95, 190, 112

■ 194, 190, 209

■ 76, 190, 97

■ 197, 190, 228

■ 57, 190, 81

■ 201, 190, 247

■ 38, 190, 66

■ 204, 190, 255

■ 19, 190, 50

■ 208, 190, 255

■ 0, 190, 35

■ 211, 190, 255

■ 214, 190, 255

Harmonies

Analogous

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



178, 203, 149



152, 190, 159



161, 191, 195

Triad

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



152, 190, 159



141, 172, 217



222, 173, 189

Complementary

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



152, 190, 159



159, 152, 190

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.



208, 176, 208



152, 190, 159



161, 180, 223

Square

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



152, 190, 159



135, 167, 202



186, 182, 220



225, 174, 170

Rectangle

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



152, 190, 159



149, 179, 196



186, 182, 220



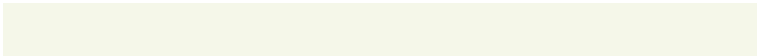
219, 174, 196

Sweetspot

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



152, 190, 159



233, 247, 235



190, 161, 152



116, 125, 118



252, 252, 252



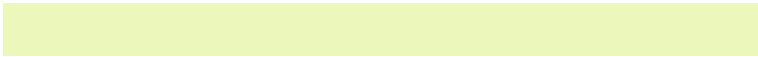
125, 125, 125

Same Dimension

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



152, 190, 159



188, 247, 199



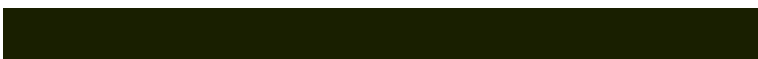
152, 190, 178



85, 94, 86



0, 158, 29



0, 31, 6

Inverse Universe

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



159, 152, 190



199, 188, 247



178, 152, 190



87, 85, 94



29, 0, 158



6, 0, 31

Previews

White Background



This preview shows how the RYB color 152, 190, 159 looks on a white background.

Color Contrast Check

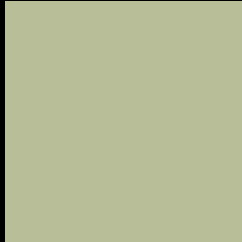
Large Text (above 18pt) WCAG AA × Fail

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 152, 190, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

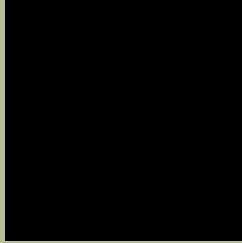
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

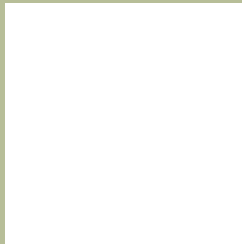
Any Text WCAG AAA ✓ Pass

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

RYB 152, 190, 159 Background



This preview shows how black text looks on a background with the RYB color 152, 190, 159.



This preview shows how white text looks on a background with the RYB color 152, 190, 159.

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
152, 190, 159

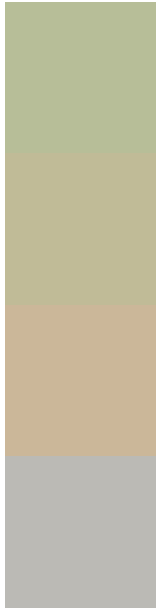
Protanopia
164, 197, 150

Deuteranopia
215, 196, 154



Tritanopia
189, 184, 198

Trichromacy



Original Color

152, 190, 159

Protanomaly

157, 192, 151

Deuteranomaly

186, 203, 153

Tritanomaly

182, 187, 181

Monochromacy



Original Color

152, 190, 159

Achromatopsia

184, 184, 184

Achromatomaly

172, 186, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 152, 190, 159 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(183, 190, 152)` looks like.

```
.text, #text, p{  
    color:rgb(183, 190, 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(183, 190, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 190, 152) }
```

Border

The CSS property to change the border of an element to RYB 152, 190, 159 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(183, 190, 152) }
```

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

```
.border{ border-color:rgb(183, 190, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 190, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 190, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 190, 152);  
box-shadow:4px 4px 4px 4px rgb(183, 190,  
152) }
```

Background

The CSS property to change the background color of an element to RYB 152, 190, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 190, 152) }
```

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

```
.background{ background-color: rgb(183,  
190, 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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