

Converting Colors

`RYB(151, 190, 179)`

Have a look what the booklet for
RYB(151, 190, 179) contains.

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Color

`RYB(151, 190, 179)`

Conversions

Conversions Part 1

Format	Color
Hex	A2BE97
RGB	162, 190, 151
RGB Percent	64%, 75%, 59%
CMY	0.3647, 0.2549, 0.4078
CMYK	0.15, 0.00, 0.21, 0.25
HSL	103°, 23%, 67%
HSV	103°, 21%, 75%
XYZ	38.8997, 46.7427, 36.2502
YIQ	177.1820, -4.1690, -18.0650

Conversions

Conversions Part 2

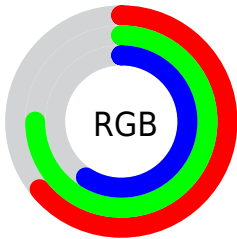
Format	Color
RYB	151, 190, 179
Decimal	10665623
CIELab	74.02, -16.81, 16.60
CIElCh	74, 23.626, 135.364
Yxy	46.7427, 0.3191, 0.3835
Android (android.graphics.Color)	4288855703 (0xFFA2BE97)
YUV	177.1820, -12.9077, -13.3146
Hunter-Lab	68.3686, -18.0840, 16.4215

Details

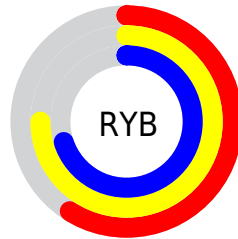
The RYB color **151, 190, 179** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **179, 151, 190**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **205, 246, 234**, and **100, 137, 127** is the 20% darker color. If you saturate the color by 10%, you get **132, 190, 174**, and if you desaturate by 10%, it is **170, 190, 184**.

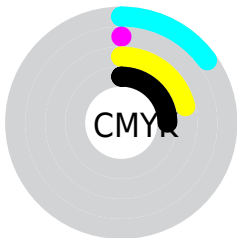
Distribution



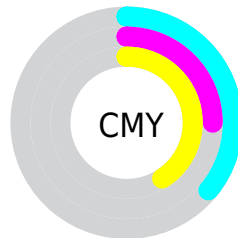
- Red (64%)
- Green (75%)
- Blue (59%)



- Red (59%)
- Yellow (75%)
- Blue (70%)



- Cyan (15%)
- Magenta (0%)
- Yellow (21%)
- Black (25%)




- Cyan (36%)
- Magenta (25%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 151, 190, 179 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, 190, 179 by changing the saturation by 10% instead.


 151, 190, 179


255, 255, 255


 205, 246, 234


 234, 255, 243


 151, 190, 179

 125, 163, 152

 100, 137, 127

 76, 111, 102


 53, 87, 78


 31, 63, 55


 9, 41, 32


 0, 22, 22


 0, 0, 0

 151, 190, 179


 151, 190, 179

 132, 190, 174


 170, 190, 184

 113, 190, 168


 189, 190, 190


 94, 190, 163


 203, 190, 208

 75, 190, 158


 217, 190, 227

 56, 190, 152

 230, 190, 246

 37, 190, 147

 244, 190, 255

 18, 190, 141

 255, 190, 255

 0, 190, 136

Harmonies

Analogous

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



143, 187, 140



151, 190, 179



138, 174, 194

Triad

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



151, 190, 179



142, 171, 223



227, 167, 171

Complementary

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



151, 190, 179



179, 151, 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.



219, 168, 194



151, 190, 179



171, 179, 224

Square

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



151, 190, 179



123, 162, 212



199, 173, 213



222, 176, 152

Rectangle

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



151, 190, 179



126, 162, 194



199, 173, 213



225, 166, 179

Sweetspot

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



151, 190, 179



233, 247, 243



166, 190, 151



116, 125, 122



252, 252, 252



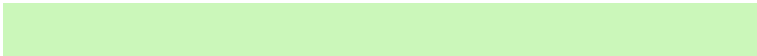
125, 125, 125

Same Dimension

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



151, 190, 179



186, 247, 230



151, 183, 190



85, 94, 91



0, 158, 113



0, 31, 22

Inverse Universe

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



179, 151, 190



230, 186, 247



190, 151, 182



92, 85, 94



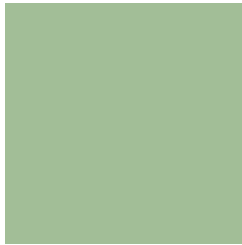
114, 0, 158



22, 0, 31

Previews

White Background



This preview shows how the RYB color 151, 190, 179 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, 190, 179 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, 190, 179 Background



This preview shows how black text looks on a background with the RYB color 151, 190, 179.

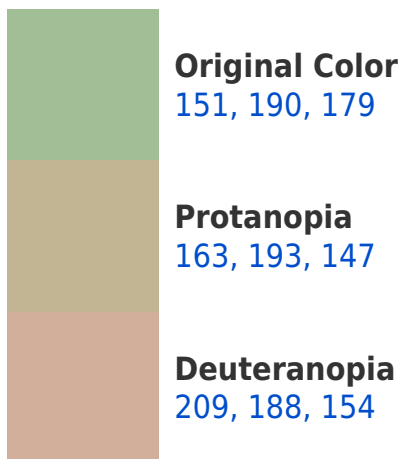


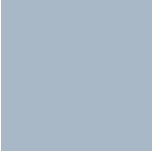
This preview shows how white text looks on a background with the RYB color 151, 190, 179.

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
169, 179, 198

Trichromacy



Original Color
151, 190, 179

Protanomaly
148, 184, 150

Deuteranomaly
170, 192, 153

Tritanomaly
166, 177, 186

Monochromacy



Original Color
151, 190, 179

Achromatopsia
177, 177, 177

Achromatomaly
168, 182, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 151, 190, 179 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(162, 190, 151)` looks like.

```
.text, #text, p{  
    color:rgb(162, 190, 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(162, 190, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 190, 151) }
```

Border

The CSS property to change the border of an element to RYB 151, 190, 179 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(162, 190, 151) }
```

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

```
.border{ border-color:rgb(162, 190, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 190, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 190, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 190, 151); box-shadow:4px 4px 4px 4px rgb(162, 190, 151) }
```

Background

The CSS property to change the background color of an element to RYB 151, 190, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 190, 151) }
```

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

```
.background{ background-color: rgb(162,  
190, 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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