

Converting Colors

`RYB(153, 190, 202)`

Have a look what the booklet for
RYB(153, 190, 202) contains.

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Color

R_YB(153, 190, 202)

Conversions

Conversions Part 1

Format	Color
Hex	99CAA9
RGB	153, 202, 169
RGB Percent	60%, 79%, 66%
CMY	0.4000, 0.2078, 0.3377
CMYK	0.24, 0.00, 0.16, 0.21
HSL	139°, 32%, 70%
HSV	139°, 24%, 79%
XYZ	41.4087, 51.8739, 45.3131
YIQ	183.5870, -18.6110, -20.6510

Conversions

Conversions Part 2

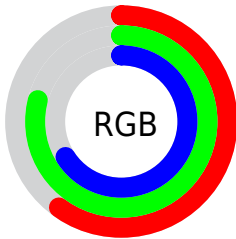
Format	Color
RYB	153, 190, 202
Decimal	10078889
CIELab	77.21, -22.70, 11.38
CIElCh	77, 25.397, 153.382
Yxy	51.8739, 0.2988, 0.3743
Android (android.graphics.Color)	4288268969 (0xFF99CAA9)
YUV	183.5870, -7.1914, -26.8248
Hunter-Lab	72.0235, -23.4157, 13.1146

Details

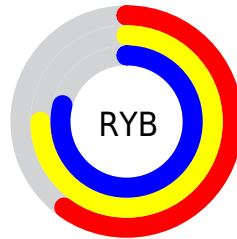
The RYB color **153, 190, 202** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **202, 153, 186**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **208, 243, 255**, and **101, 136, 148** is the 20% darker color. If you saturate the color by 10%, you get **133, 185, 202**, and if you desaturate by 10%, it is **173, 195, 202**.

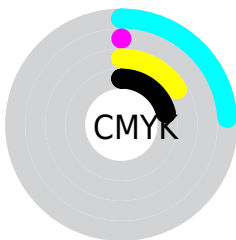
Distribution



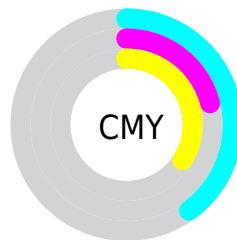
- Red (60%)
- Green (79%)
- Blue (66%)



- Red (60%)
- Yellow (75%)
- Blue (79%)



- Cyan (24%)
- Magenta (0%)
- Yellow (16%)
- Black (21%)



- Cyan (40%)
- Magenta (21%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 153, 190, 202 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 153, 190, 202 by changing the saturation by 10% instead.


 153, 190, 202


255, 255, 255


 208, 243, 255

 237, 247, 255

 153, 190, 202


 127, 163, 174

 101, 136, 148

 76, 110, 122

 52, 85, 97

 27, 60, 73

 1, 34, 50

 0, 30, 30


 0, 0, 0

 153, 190, 202


 153, 190, 202

 133, 185, 202


 173, 195, 202

 113, 180, 202


 193, 200, 202

 92, 175, 202


 214, 202, 210

 72, 170, 202


 234, 202, 223

 52, 165, 202

 254, 202, 237

 32, 160, 202

 255, 202, 251

 12, 156, 202

 255, 202, 255

 0, 152, 202

Harmonies

Analogous

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



151, 197, 168



153, 190, 202



131, 170, 204

Triad

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



153, 190, 202



166, 185, 237



238, 178, 166

Complementary

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



153, 190, 202



202, 153, 186

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.



237, 174, 189



153, 190, 202



198, 184, 230

Square

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



153, 190, 202



137, 175, 232



223, 177, 212



226, 207, 149

Rectangle

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



153, 190, 202



124, 165, 208



223, 177, 212



239, 175, 173

Sweetspot

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



153, 190, 202



237, 251, 255



153, 202, 169



117, 125, 128



0, 0, 0



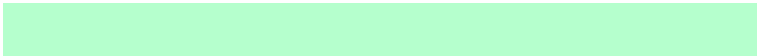
128, 128, 128

Same Dimension

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



153, 190, 202



181, 237, 255



153, 180, 202



92, 100, 102



0, 125, 166



0, 29, 38

Inverse Universe

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



202, 153, 186



255, 181, 231



202, 153, 162



102, 92, 99



166, 0, 112



38, 0, 26

Previews

White Background



This preview shows how the RYB color 153, 190, 202 looks on a white background.

Color Contrast Check

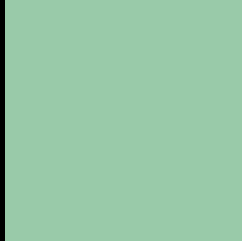
Large Text (above 18pt) WCAG AA × Fail

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 153, 190, 202 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

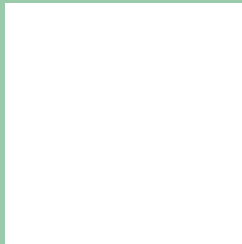
Any Text WCAG AAA ✓ Pass

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

R Y B 153, 190, 202 Background



This preview shows how black text looks on a background with the RYB color 153, 190, 202.

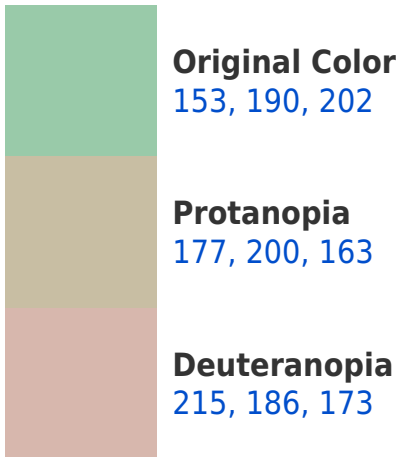


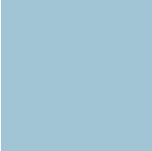
This preview shows how white text looks on a background with the RYB color 153, 190, 202.

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
161, 182, 212

Trichromacy



Original Color
153, 190, 202

Protanomaly
165, 194, 176

Deuteranomaly
174, 192, 172

Tritanomaly
158, 179, 198

Monochromacy



Original Color
153, 190, 202

Achromatopsia
184, 184, 184

Achromatomaly
173, 187, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 153, 190, 202 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(153, 202, 169)` looks like.

```
.text, #text, p{  
    color:rgb(153, 202, 169)  
}
```

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(153, 202, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 202, 169) }
```

Border

The CSS property to change the border of an element to RYB 153, 190, 202 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(153, 202, 169) }
```

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

```
.border{ border-color:rgb(153, 202, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 202, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 202, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 202, 169);  
box-shadow:4px 4px 4px 4px rgb(153, 202,  
169) }
```

Background

The CSS property to change the background color of an element to RYB 153, 190, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 202, 169) }
```

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

```
.background{ background-color: rgb(153,  
202, 169) }
```

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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