

Converting Colors

`RYB(152, 193, 202)`

Have a look what the booklet for
RYB(152, 193, 202) contains.

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Color

R_YB(152, 193, 202)

Conversions

Conversions Part 1

Format	Color
Hex	98CAA3
RGB	152, 202, 163
RGB Percent	60%, 79%, 64%
CMY	0.4039, 0.2078, 0.3609
CMYK	0.25, 0.00, 0.19, 0.21
HSL	133°, 32%, 69%
HSV	133°, 25%, 79%
XYZ	40.6781, 51.5599, 42.4470
YIQ	182.6040, -17.2810, -22.7290

Conversions

Conversions Part 2

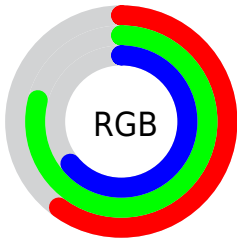
Format	Color
RYB	152, 193, 202
Decimal	10013347
CIELab	77.02, -24.14, 14.27
CIELCh	77, 28.039, 149.404
Yxy	51.5599, 0.3020, 0.3828
Android (android.graphics.Color)	4288203427 (0xFF98CAA3)
YUV	182.6040, -9.6648, -26.8397
Hunter-Lab	71.8052, -24.5379, 15.2150

Details

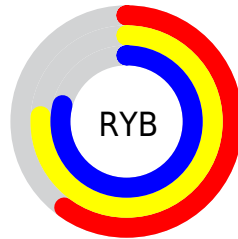
The RYB color **152, 193, 202** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **202, 152, 191**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **207, 246, 255**, and **100, 139, 148** is the 20% darker color. If you saturate the color by 10%, you get **132, 190, 202**, and if you desaturate by 10%, it is **172, 196, 202**.

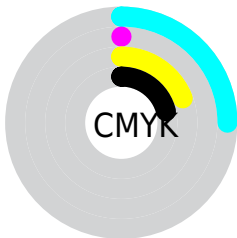
Distribution



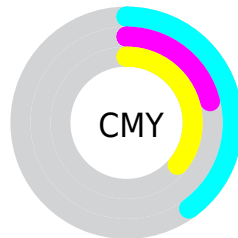
- Red (60%)
- Green (79%)
- Blue (64%)



- Red (60%)
- Yellow (76%)
- Blue (79%)



- Cyan (25%)
- Magenta (0%)
- Yellow (19%)
- Black (21%)



- Cyan (40%)
- Magenta (21%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 152, 193, 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 152, 193, 202 by changing the saturation by 10% instead.

 152, 193, 202


255, 255, 255


 207, 246, 255

 236, 248, 255

 152, 193, 202


 126, 165, 174


 100, 139, 148

 75, 112, 122

 50, 87, 97


 26, 62, 73


 0, 36, 50

 0, 30, 30


 0, 0, 0

 152, 193, 202


 152, 193, 202

 132, 190, 202


 172, 196, 202

 112, 186, 202


 192, 200, 202

 91, 182, 202


 213, 202, 210

 71, 178, 202


 233, 202, 226

 51, 175, 202

 253, 202, 242

 31, 172, 202

 255, 202, 255

 11, 168, 202

 0, 166, 202

Harmonies

Analogous

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



144, 196, 158



152, 193, 202



125, 169, 205

Triad

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



152, 193, 202



157, 182, 242



242, 174, 166

Complementary

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



152, 193, 202



202, 152, 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.



240, 171, 192



152, 193, 202



194, 184, 235

Square

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



152, 193, 202



125, 169, 234



223, 175, 217



231, 203, 146

Rectangle

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



152, 193, 202



115, 160, 206



223, 175, 217



243, 172, 174

Sweetspot

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



152, 193, 202



237, 252, 255



152, 202, 163



117, 126, 128



0, 0, 0



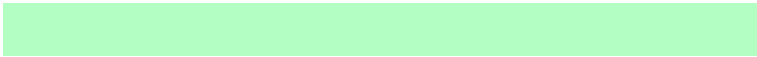
128, 128, 128

Same Dimension

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



152, 193, 202



179, 242, 255



152, 181, 202



92, 100, 102



0, 136, 166



0, 31, 38

Inverse Universe

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



202, 152, 191



255, 179, 238



202, 152, 166



102, 92, 100



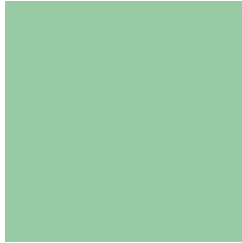
166, 0, 129



38, 0, 30

Previews

White Background



This preview shows how the RYB color 152, 193, 202 looks on a white background.

Color Contrast Check

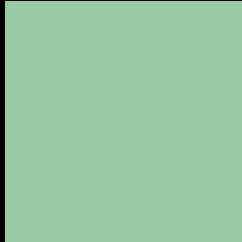
Large Text (above 18pt) WCAG AA × Fail

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 152, 193, 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](#).

RYB 152, 193, 202 Background



This preview shows how black text looks on a background with the RYB color 152, 193, 202.

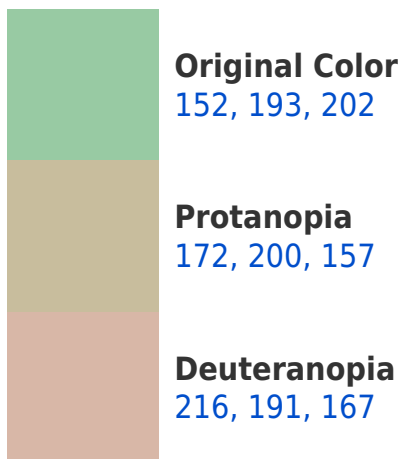


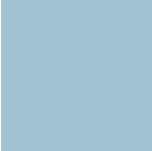
This preview shows how white text looks on a background with the RYB color 152, 193, 202.

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, 181, 211

Trichromacy



Original Color
152, 193, 202

Protanomaly
159, 194, 170

Deuteranomaly
169, 193, 166

Tritanomaly
158, 179, 198

Monochromacy



Original Color
152, 193, 202

Achromatopsia
183, 183, 183

Achromatomaly
172, 187, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 152, 193, 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(152, 202, 163) looks like.

```
.text, #text, p{  
    color:rgb(152, 202, 163)  
}
```

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(152, 202, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 202, 163) }
```

Border

The CSS property to change the border of an element to RYB 152, 193, 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(152, 202, 163) }
```

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

```
.border{ border-color:rgb(152, 202, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 202, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 202, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 202, 163);  
box-shadow:4px 4px 4px 4px rgb(152, 202,  
163) }
```

Background

The CSS property to change the background color of an element to RYB 152, 193, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 202, 163) }
```

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

```
.background{ background-color: rgb(152,  
202, 163) }
```

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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