

Converting Colors

`RYB(152, 195, 203)`

Have a look what the booklet for
RYB(152, 195, 203) contains.

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Color

R_YB(152, 195, 203)

Conversions

Conversions Part 1

Format	Color
Hex	98CBA1
RGB	152, 203, 161
RGB Percent	60%, 80%, 63%
CMY	0.4039, 0.2039, 0.3667
CMYK	0.25, 0.00, 0.20, 0.20
HSL	131°, 33%, 70%
HSV	131°, 25%, 80%
XYZ	40.7810, 51.9777, 41.8278
YIQ	182.9630, -16.9140, -23.8740

Conversions

Conversions Part 2

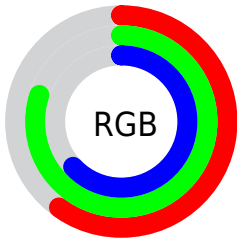
Format	Color
RYB	152, 195, 203
Decimal	10013601
CIELab	77.27, -24.90, 15.42
CIELCh	77, 29.285, 148.234
Yxy	51.9777, 0.3030, 0.3862
Android (android.graphics.Color)	4288203681 (0xFF98CBA1)
YUV	182.9630, -10.8278, -27.1546
Hunter-Lab	72.0956, -25.1984, 16.0686

Details

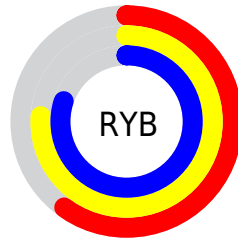
The RYB color **152, 195, 203** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **203, 152, 194**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **207, 247, 255**, and **100, 141, 149** is the 20% darker color. If you saturate the color by 10%, you get **132, 192, 203**, and if you desaturate by 10%, it is **172, 198, 203**.

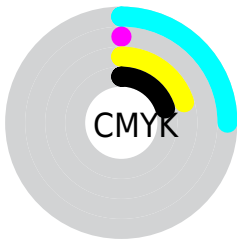
Distribution



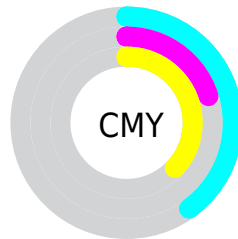
- Red (60%)
- Green (80%)
- Blue (63%)



- Red (60%)
- Yellow (76%)
- Blue (80%)



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



- Cyan (40%)
- Magenta (20%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 152, 195, 203 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, 195, 203 by changing the saturation by 10% instead.

 152, 195, 203

255, 255, 255


 207, 247, 255


 236, 249, 255

 152, 195, 203

 125, 167, 175

 100, 141, 149

 75, 115, 123

 50, 88, 98

 26, 62, 73

 0, 36, 50


 0, 31, 31


 0, 0, 0

 152, 195, 203


 152, 195, 203

 132, 192, 203


 172, 198, 203

 111, 189, 203


 193, 201, 203

 91, 185, 203


 213, 203, 211

 71, 183, 203


 233, 203, 228

 51, 179, 203

 254, 203, 244

 30, 176, 203

 255, 203, 255

 10, 173, 203

 0, 171, 203

Harmonies

Analogous

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



143, 197, 157



152, 195, 203



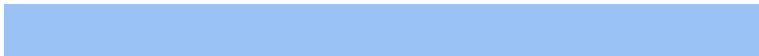
123, 170, 206

Triad

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



152, 195, 203



154, 182, 245



245, 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, 195, 203



203, 152, 194

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.



242, 171, 193



152, 195, 203



193, 184, 239

Square

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



152, 195, 203



121, 168, 236



224, 176, 220



234, 199, 146

Rectangle

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



152, 195, 203



111, 159, 207



224, 176, 220



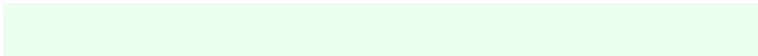
246, 171, 175

Sweetspot

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



152, 195, 203



235, 252, 255



152, 203, 161



115, 126, 128



0, 0, 0



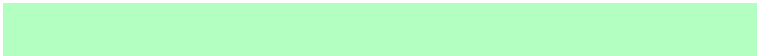
128, 128, 128

Same Dimension

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



152, 195, 203



179, 243, 255



152, 182, 203



92, 100, 102



0, 140, 166



0, 32, 38

Inverse Universe

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



203, 152, 194



255, 179, 241



203, 152, 168



102, 92, 100



166, 0, 135



38, 0, 31

Previews

White Background



This preview shows how the RYB color 152, 195, 203 looks on a white background.

Color Contrast Check

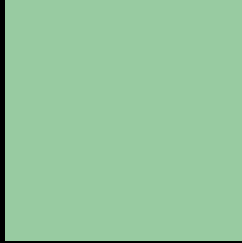
Large Text (above 18pt) WCAG AA × Fail

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, 195, 203 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, 195, 203 Background



This preview shows how black text looks on a background with the RYB color 152, 195, 203.



This preview shows how white text looks on a background with the RYB color 152, 195, 203.

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](#).

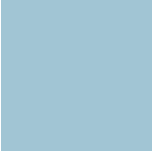
Dichromacy



Original Color
152, 195, 203

Protanopia
169, 201, 155

Deuteranopia
217, 192, 166



Tritanopia
161, 182, 212

Trichromacy



Original Color
152, 195, 203

Protanomaly
157, 195, 169

Deuteranomaly
167, 193, 164

Tritanomaly
158, 180, 199

Monochromacy



Original Color
152, 195, 203

Achromatopsia
183, 183, 183

Achromatomaly
172, 187, 190

CSS Examples

Text

The CSS property to change the color of the text to RYB 152, 195, 203 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, 203, 161)` looks like.

```
.text, #text, p{  
    color:rgb(152, 203, 161)  
}
```

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, 203, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 203, 161) }
```

Border

The CSS property to change the border of an element to RYB 152, 195, 203 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, 203, 161) }
```

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

```
.border{ border-color:rgb(152, 203, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 203, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 203, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 203, 161);  
box-shadow:4px 4px 4px 4px rgb(152, 203,  
161) }
```

Background

The CSS property to change the background color of an element to RYB 152, 195, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 203, 161) }
```

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

```
.background{ background-color: rgb(152,  
203, 161) }
```

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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