

Converting Colors

`RYB(158, 193, 197)`

Have a look what the booklet for
RYB(158, 193, 197) contains.

RYB(158, 193, 197)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(158, 193, 197)

Conversions

Conversions Part 1

Format	Color
Hex	9EC5A2
RGB	158, 197, 162
RGB Percent	62%, 77%, 64%
CMY	0.3804, 0.2275, 0.3629
CMYK	0.20, 0.00, 0.18, 0.23
HSL	127°, 25%, 70%
HSV	127°, 20%, 77%
XYZ	40.6291, 49.8265, 41.8720
YIQ	181.3490, -12.0090, -19.1530

Conversions

Conversions Part 2

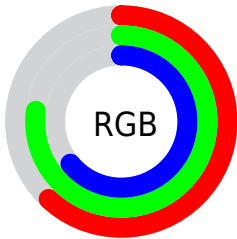
Format	Color
RYB	158, 193, 197
Decimal	10405282
CIELab	75.96, -19.74, 13.12
CIELCh	76, 23.702, 146.401
Yxy	49.8265, 0.3070, 0.3765
Android (android.graphics.Color)	4288595362 (0xFF9EC5A2)
YUV	181.3490, -9.5391, -20.4771
Hunter-Lab	70.5879, -20.7875, 14.2414

Details

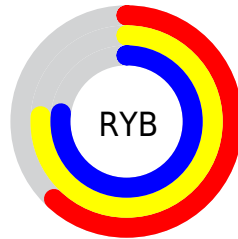
The RYB color **158, 193, 197** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **197, 158, 193**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **213, 250, 254**, and **106, 139, 143** is the 20% darker color. If you saturate the color by 10%, you get **138, 191, 197**, and if you desaturate by 10%, it is **178, 195, 197**.

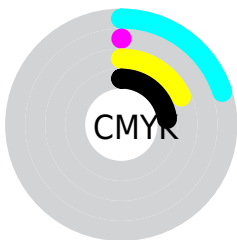
Distribution



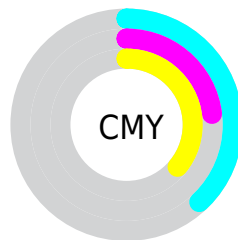
- Red (62%)
- Green (77%)
- Blue (64%)



- Red (62%)
- Yellow (76%)
- Blue (77%)



- Cyan (20%)
- Magenta (0%)
- Yellow (18%)
- Black (23%)



- Cyan (38%)
- Magenta (23%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 158, 193, 197 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 158, 193, 197 by changing the saturation by 10% instead.


 158, 193, 197

255, 255, 255


 213, 250, 254

 242, 252, 255

 158, 193, 197


 132, 166, 170

 106, 139, 143

 81, 113, 117


 57, 88, 93

 34, 63, 69

 11, 39, 46

 0, 27, 27


 0, 0, 0

 158, 193, 197


 158, 193, 197

 138, 191, 197


 178, 195, 197

 119, 189, 197


 197, 197, 197

 99, 187, 197


 217, 197, 215

 79, 184, 197


 237, 197, 232

 60, 183, 197

 255, 197, 250

 40, 181, 197

 255, 197, 255

 20, 179, 197

 0, 176, 197

Harmonies

Analogous

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



148, 192, 157



158, 193, 197



136, 173, 200

Triad

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



158, 193, 197



158, 180, 230



232, 173, 169

Complementary

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



158, 193, 197



197, 158, 193

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.



229, 172, 191



158, 193, 197



188, 183, 226

Square

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



158, 193, 197



134, 171, 223



213, 176, 212



224, 193, 152

Rectangle

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



158, 193, 197



127, 164, 200



213, 176, 212



232, 172, 176

Sweetspot

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



158, 193, 197



240, 254, 255



158, 197, 162



119, 127, 128



0, 0, 0



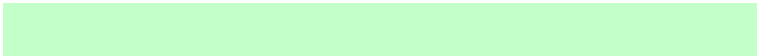
128, 128, 128

Same Dimension

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



158, 193, 197



194, 249, 255



158, 183, 197



90, 98, 99



0, 146, 163



0, 32, 36

Inverse Universe

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



197, 158, 193



255, 194, 248



197, 158, 174



99, 90, 98



163, 0, 145



36, 0, 32

Previews

White Background



This preview shows how the RYB color 158, 193, 197 looks on a white background.

Color Contrast Check

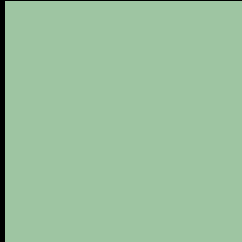
Large Text (above 18pt) WCAG AA × Fail

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 158, 193, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

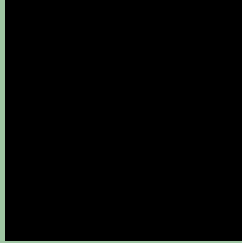
Any Text WCAG AA ✓ Pass

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 158, 193, 197 Background



This preview shows how black text looks on a background with the RYB color 158, 193, 197.



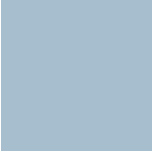
This preview shows how white text looks on a background with the RYB color 158, 193, 197.

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
166, 181, 206

Trichromacy



Original Color
158, 193, 197

Protanomaly
159, 190, 166

Deuteranomaly
173, 192, 165

Tritanomaly
163, 179, 193

Monochromacy



Original Color
158, 193, 197

Achromatopsia
181, 181, 181

Achromatomaly
173, 186, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 158, 193, 197 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(158, 197, 162)` looks like.

```
.text, #text, p{  
    color:rgb(158, 197, 162)  
}
```

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(158, 197, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 197, 162) }
```

Border

The CSS property to change the border of an element to RYB 158, 193, 197 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(158, 197, 162) }
```

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

```
.border{ border-color:rgb(158, 197, 162) }
```

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

Here you see how a box with a 4 pixel rgb(158, 197, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 197, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 197, 162);  
box-shadow:4px 4px 4px 4px rgb(158, 197,  
162) }
```

Background

The CSS property to change the background color of an element to RYB 158, 193, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 197, 162) }
```

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

```
.background{ background-color: rgb(158,  
197, 162) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor