

Converting Colors

`RYB(158, 187, 193)`

Have a look what the booklet for
RYB(158, 187, 193) contains.

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Color

R_YB(158, 187, 193)

Conversions

Conversions Part 1

Format	Color
Hex	9EC1A5
RGB	158, 193, 165
RGB Percent	62%, 76%, 65%
CMY	0.3804, 0.2431, 0.3520
CMYK	0.18, 0.00, 0.14, 0.24
HSL	132°, 22%, 69%
HSV	132°, 18%, 76%
XYZ	39.9840, 48.1344, 42.8961
YIQ	179.3430, -11.8720, -16.1280

Conversions

Conversions Part 2

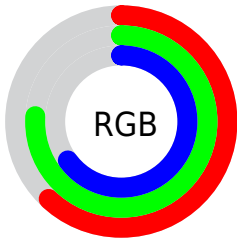
Format	Color
RYB	158, 187, 193
Decimal	10404261
CIELab	74.91, -17.21, 10.12
CIELCh	75, 19.965, 149.529
Yxy	48.1344, 0.3052, 0.3674
Android (android.graphics.Color)	4288594341 (0xFF9EC1A5)
YUV	179.3430, -7.0711, -18.7178
Hunter-Lab	69.3790, -18.5413, 11.9071

Details

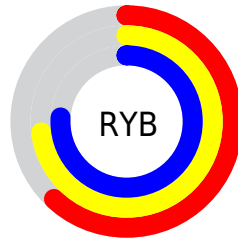
The RYB color **158, 187, 193** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **193, 158, 186**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **213, 244, 250**, and **106, 133, 139** is the 20% darker color. If you saturate the color by 10%, you get **139, 184, 193**, and if you desaturate by 10%, it is **177, 190, 193**.

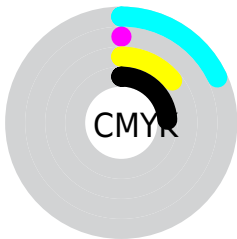
Distribution



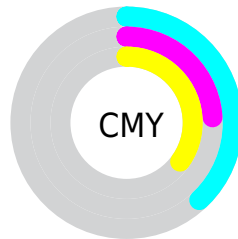
- Red (62%)
- Green (76%)
- Blue (65%)



- Red (62%)
- Yellow (73%)
- Blue (76%)



- Cyan (18%)
- Magenta (0%)
- Yellow (14%)
- Black (24%)



- Cyan (38%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 158, 187, 193 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, 187, 193 by changing the saturation by 10% instead.


 158, 187, 193

255, 255, 255


 213, 244, 250

 241, 250, 255

 158, 187, 193


 132, 160, 166

 106, 133, 139

 82, 108, 114


 58, 83, 89

 35, 60, 66

 13, 36, 43

 0, 24, 24

 0, 0, 0

 158, 187, 193


 158, 187, 193

 139, 184, 193


 177, 190, 193

 119, 180, 193


 197, 193, 196

 100, 177, 193


 216, 193, 211

 81, 174, 193


 235, 193, 226

 62, 171, 193

 255, 193, 242

 42, 167, 193

 255, 193, 255

 23, 164, 193

 4, 161, 193

 0, 160, 193

Harmonies

Analogous

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



152, 189, 162



158, 187, 193



141, 171, 195

Triad

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



158, 187, 193



163, 179, 221



222, 174, 167

Complementary

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



158, 187, 193



193, 158, 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.



220, 172, 185



158, 187, 193



187, 180, 216

Square

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



158, 187, 193



143, 172, 215



208, 174, 203



215, 192, 153

Rectangle

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



158, 187, 193



135, 165, 196



208, 174, 203



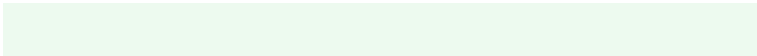
223, 172, 173

Sweetspot

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



158, 187, 193



237, 248, 250



158, 193, 165



117, 123, 125



252, 252, 252



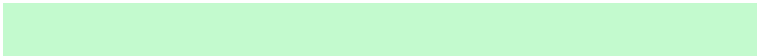
125, 125, 125

Same Dimension

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



158, 187, 193



195, 241, 250



158, 178, 193



87, 95, 97



0, 134, 161



0, 27, 33

Inverse Universe

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



193, 158, 186



250, 195, 239



193, 158, 169



97, 87, 95



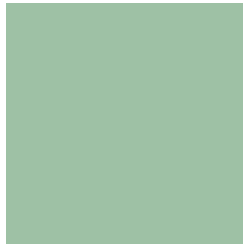
161, 0, 127



33, 0, 26

Previews

White Background



This preview shows how the RYB color 158, 187, 193 looks on a white background.

Color Contrast Check

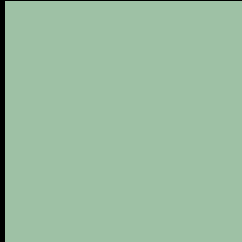
Large Text (above 18pt) WCAG AA × Fail

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, 187, 193 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, 187, 193 Background



This preview shows how black text looks on a background with the RYB color 158, 187, 193.

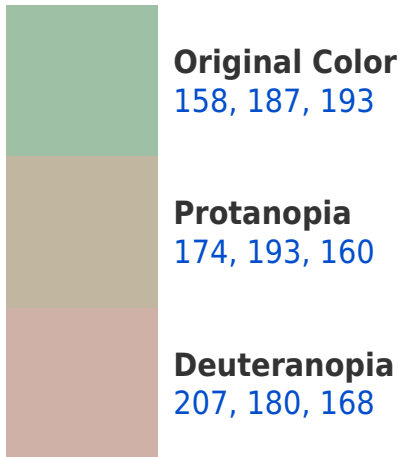


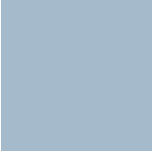
This preview shows how white text looks on a background with the RYB color 158, 187, 193.

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
165, 179, 203

Trichromacy



Original Color
158, 187, 193

Protanomaly
162, 187, 169

Deuteranomaly
175, 189, 167

Tritanomaly
162, 176, 190

Monochromacy



Original Color
158, 187, 193

Achromatopsia
179, 179, 179

Achromatomaly
171, 182, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 158, 187, 193 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, 193, 165)` looks like.

```
.text, #text, p{  
    color:rgb(158, 193, 165)  
}
```

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, 193, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 193, 165) }
```

Border

The CSS property to change the border of an element to RYB 158, 187, 193 is called "border". The border property can be set on classes, ids or directly on the HTML element.

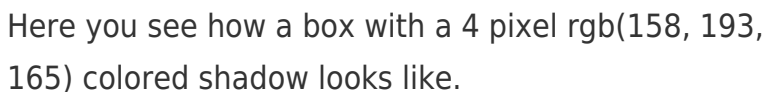
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 193, 165) }
```

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

```
.border{ border-color:rgb(158, 193, 165) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 193, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 193, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 193, 165); box-shadow:4px 4px 4px 4px rgb(158, 193, 165) }
```

Background

The CSS property to change the background color of an element to RYB 158, 187, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 193, 165) }
```

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

```
.background{ background-color: rgb(158,  
193, 165) }
```

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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