

Converting Colors

`RYB(139, 178, 191)`

Have a look what the booklet for
RYB(139, 178, 191) contains.

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Color

R_YB(139, 178, 191)

Conversions

Conversions Part 1

Format	Color
Hex	8BBF9C
RGB	139, 191, 156
RGB Percent	55%, 75%, 61%
CMY	0.4549, 0.2510, 0.3869
CMYK	0.27, 0.00, 0.18, 0.25
HSL	140°, 29%, 65%
HSV	140°, 27%, 75%
XYZ	35.3073, 45.1622, 38.4570
YIQ	171.4620, -19.7570, -21.9090

Conversions

Conversions Part 2

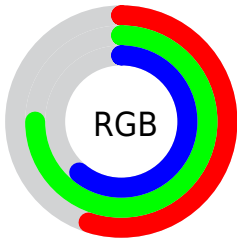
Format	Color
RYB	139, 178, 191
Decimal	9158556
CIELab	73.00, -24.19, 12.07
CIELCh	73, 27.032, 153.475
Yxy	45.1622, 0.2969, 0.3797
Android (android.graphics.Color)	4287348636 (0xFF8BBF9C)
YUV	171.4620, -7.6228, -28.4692
Hunter-Lab	67.2028, -23.8239, 13.1131

Details

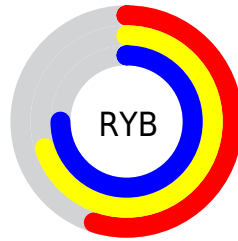
The RYB color **139, 178, 191** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **191, 139, 174**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **193, 234, 248**, and **87, 124, 137** is the 20% darker color. If you saturate the color by 10%, you get **120, 173, 191**, and if you desaturate by 10%, it is **158, 183, 191**.

Distribution



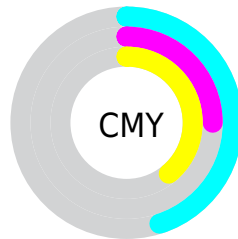
- Red (55%)
- Green (75%)
- Blue (61%)



- Red (55%)
- Yellow (70%)
- Blue (75%)



- Cyan (27%)
- Magenta (0%)
- Yellow (18%)
- Black (25%)




- Cyan (45%)
- Magenta (25%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the RYB color 139, 178, 191 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 139, 178, 191 by changing the saturation by 10% instead.


 139, 178, 191

 139, 178, 191

255, 255, 255

 113, 151, 164

 193, 234, 248

 87, 124, 137

 222, 244, 255


 63, 99, 112

 251, 253, 255

 38, 73, 87

 12, 47, 63

 0, 30, 41

 0, 18, 18


 0, 0, 0

 139, 178, 191


 139, 178, 191

 120, 173, 191


 158, 183, 191

 101, 169, 191


 177, 187, 191

 82, 164, 191


 196, 191, 195


 63, 159, 191

 215, 191, 207

 44, 154, 191

 235, 191, 220


 24, 149, 191

 254, 191, 233

 5, 145, 191

 255, 191, 245

 0, 143, 191

 255, 191, 255

Harmonies

Analogous

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



137, 186, 156



139, 178, 191



115, 157, 193

Triad

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



139, 178, 191



152, 172, 228



228, 165, 153

Complementary

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



139, 178, 191



191, 139, 174

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.



228, 161, 177



139, 178, 191



187, 172, 220

Square

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



139, 178, 191



120, 161, 223



214, 164, 202



216, 195, 136

Rectangle

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



139, 178, 191



106, 151, 198



214, 164, 202



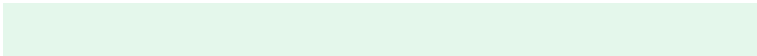
229, 162, 161

Sweetspot

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



139, 178, 191



228, 242, 247



139, 191, 156



112, 121, 125



252, 252, 252



125, 125, 125

Same Dimension

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



139, 178, 191



166, 227, 247



139, 167, 191



85, 92, 94



0, 118, 158



0, 23, 31

Inverse Universe

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



191, 139, 174



247, 166, 220



191, 139, 148



94, 85, 91



158, 0, 105



31, 0, 20

Previews

White Background



This preview shows how the RYB color 139, 178, 191 looks on a white background.

Color Contrast Check

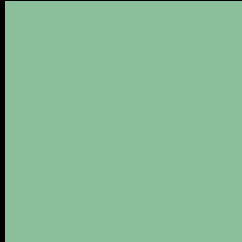
Large Text (above 18pt) WCAG AA × Fail

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 139, 178, 191 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 139, 178, 191 Background



This preview shows how black text looks on a background with the RYB color 139, 178, 191.

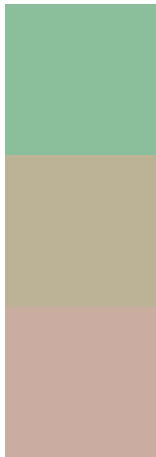


This preview shows how white text looks on a background with the RYB color 139, 178, 191.

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
139, 178, 191

Protanopia
164, 188, 150

Deuteranopia
202, 177, 160



Tritanopia
147, 169, 200

Trichromacy



Original Color
139, 178, 191

Protanomaly
152, 183, 165

Deuteranomaly
159, 179, 159

Tritanomaly
144, 166, 187

Monochromacy



Original Color
139, 178, 191

Achromatopsia
172, 172, 172

Achromatomaly
160, 174, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 139, 178, 191 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(139, 191, 156)` looks like.

```
.text, #text, p{  
    color:rgb(139, 191, 156)  
}
```

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(139, 191, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 191, 156) }
```

Border

The CSS property to change the border of an element to RYB 139, 178, 191 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(139, 191, 156) }
```

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

```
.border{ border-color:rgb(139, 191, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 191, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 191, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 191, 156);  
box-shadow:4px 4px 4px 4px rgb(139, 191,  
156) }
```

Background

The CSS property to change the background color of an element to RYB 139, 178, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 191, 156) }
```

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

```
.background{ background-color: rgb(139,  
191, 156) }
```

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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