

Converting Colors

`RYB(139, 175, 188)`

Have a look what the booklet for RYB(139, 175, 188) contains.

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Color

R_YB(139, 175, 188)

Conversions

Conversions Part 1

Format	Color
Hex	8BBC9D
RGB	139, 188, 157
RGB Percent	55%, 74%, 62%
CMY	0.4549, 0.2627, 0.3855
CMYK	0.26, 0.00, 0.17, 0.26
HSL	142°, 27%, 64%
HSV	142°, 26%, 74%
XYZ	34.6904, 43.8793, 38.4029
YIQ	169.8150, -19.2530, -20.0290

Conversions

Conversions Part 2

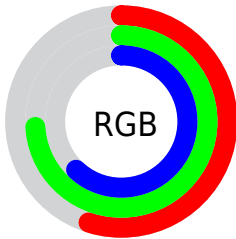
Format	Color
RYB	139, 175, 188
Decimal	9157789
CIELab	72.15, -22.62, 10.67
CIElCh	72, 25.015, 154.748
Yxy	43.8793, 0.2966, 0.3751
Android (android.graphics.Color)	4287347869 (0xFF8BBC9D)
YUV	169.8150, -6.3178, -27.0248
Hunter-Lab	66.2415, -22.4427, 11.9962

Details

The RYB color **139, 175, 188** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **188, 139, 170**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **193, 230, 244**, and **88, 122, 135** is the 20% darker color. If you saturate the color by 10%, you get **120, 170, 188**, and if you desaturate by 10%, it is **158, 180, 188**.

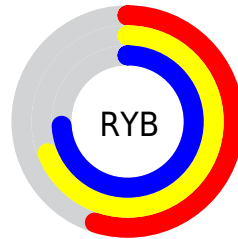
Distribution



Red (55%)

Green (74%)

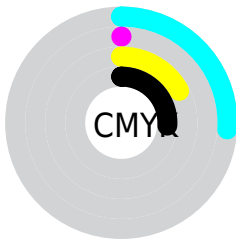
Blue (62%)



Red (55%)

Yellow (69%)

Blue (74%)

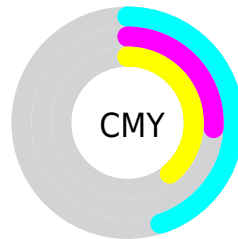


Cyan (26%)

Magenta (0%)

Yellow (17%)

Black (26%)



Cyan (45%)

Magenta (26%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 139, 175, 188 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, 175, 188 by changing the saturation by 10% instead.

 139, 175, 188


255, 255, 255


 193, 231, 244

 222, 243, 255

 250, 253, 255

 139, 175, 188

 113, 148, 161


 88, 123, 135

 63, 96, 109

 39, 71, 84

 14, 46, 61

 0, 28, 39

 0, 14, 14


 0, 0, 0

 139, 175, 188


 139, 175, 188

 120, 170, 188


 158, 180, 188

 101, 165, 188


 177, 185, 188


 83, 160, 188


 195, 188, 193

 64, 155, 188

 214, 188, 205

 45, 150, 188

 233, 188, 217

 26, 145, 188

 252, 188, 229

 7, 140, 188

 255, 188, 241

 0, 138, 188

 255, 188, 253

 255, 188, 255

Harmonies

Analogous

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



139, 183, 157



139, 175, 188



118, 157, 190

Triad

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



139, 175, 188



154, 172, 222



222, 165, 152

Complementary

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



139, 175, 188



188, 139, 170

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.



222, 160, 174



139, 175, 188



185, 170, 214

Square

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



139, 175, 188



125, 161, 218



210, 163, 197



210, 196, 136

Rectangle

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



139, 175, 188



111, 151, 195



210, 163, 197



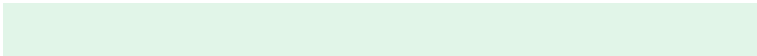
224, 161, 159

Sweetspot

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



139, 175, 188



225, 240, 245



139, 188, 156



110, 118, 122



250, 250, 250



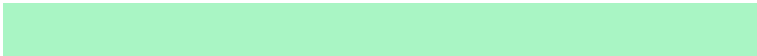
122, 122, 122

Same Dimension

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



139, 175, 188



169, 225, 245



139, 165, 188



85, 92, 94



0, 116, 158



0, 23, 31

Inverse Universe

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



188, 139, 170



245, 169, 217



188, 139, 146



94, 85, 91



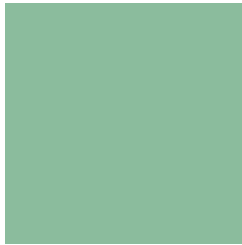
158, 0, 101



31, 0, 20

Previews

White Background



This preview shows how the RYB color 139, 175, 188 looks on a white background.

Color Contrast Check

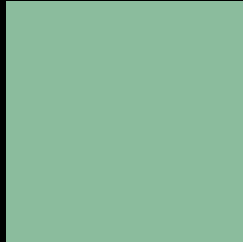
Large Text (above 18pt) WCAG AA × Fail

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, 175, 188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

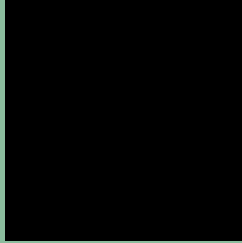
Any Text WCAG AA ✓ Pass

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, 175, 188 Background



This preview shows how black text looks on a background with the RYB color 139, 175, 188.



This preview shows how white text looks on a background with the RYB color 139, 175, 188.

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
147, 168, 197

Trichromacy



Original Color
139, 175, 188

Protanomaly
153, 180, 165

Deuteranomaly
159, 177, 159

Tritanomaly
144, 165, 184

Monochromacy



Original Color
139, 175, 188

Achromatopsia
170, 170, 170

Achromatomaly
159, 173, 177

CSS Examples

Text

The CSS property to change the color of the text to RYB 139, 175, 188 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, 188, 157)` looks like.

```
.text, #text, p{  
    color:rgb(139, 188, 157)  
}
```

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, 188, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 188, 157) }
```

Border

The CSS property to change the border of an element to RYB 139, 175, 188 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, 188, 157) }
```

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

```
.border{ border-color:rgb(139, 188, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 188, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 188, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 188, 157);  
box-shadow:4px 4px 4px 4px rgb(139, 188,  
157) }
```

Background

The CSS property to change the background color of an element to RYB 139, 175, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 188, 157) }
```

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

```
.background{ background-color: rgb(139,  
188, 157) }
```

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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