

Converting Colors

`RYB(139, 171, 181)`

Have a look what the booklet for
RYB(139, 171, 181) contains.

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Color

R_YB(139, 171, 181)

Conversions

Conversions Part 1

Format	Color
Hex	8BB598
RGB	139, 181, 152
RGB Percent	55%, 71%, 60%
CMY	0.4549, 0.2902, 0.4034
CMYK	0.23, 0.00, 0.16, 0.29
HSL	139°, 22%, 63%
HSV	139°, 23%, 71%
XYZ	32.8491, 40.8078, 35.9048
YIQ	165.1360, -15.7230, -17.9230

Conversions

Conversions Part 2

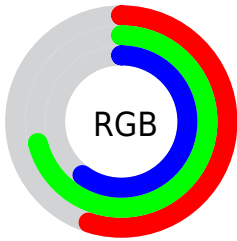
Format	Color
RYB	139, 171, 181
Decimal	9155992
CIELab	70.04, -19.98, 10.17
CIELCh	70, 22.422, 153.020
Yxy	40.8078, 0.2998, 0.3725
Android (android.graphics.Color)	4287346072 (0xFF8BB598)
YUV	165.1360, -6.4760, -22.9213
Hunter-Lab	63.8810, -20.0029, 11.3923

Details

The RYB color **139, 171, 181** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **181, 139, 168**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **193, 227, 237**, and **88, 118, 128** is the 20% darker color. If you saturate the color by 10%, you get **121, 167, 181**, and if you desaturate by 10%, it is **157, 175, 181**.

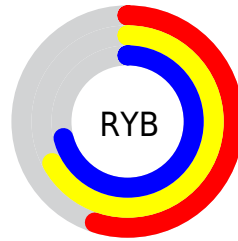
Distribution



Red (55%)

Green (71%)

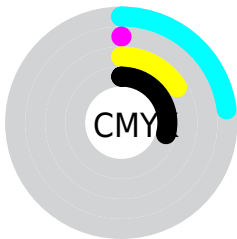
Blue (60%)



Red (55%)

Yellow (67%)

Blue (71%)

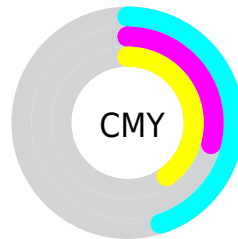


Cyan (23%)

Magenta (0%)

Yellow (16%)

Black (29%)



Cyan (45%)

Magenta (29%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 139, 171, 181 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, 171, 181 by changing the saturation by 10% instead.

 139, 171, 181


255, 255, 255


 193, 227, 237

 221, 245, 255

 250, 253, 255

 139, 171, 181

 113, 144, 154

 88, 118, 128

 64, 93, 103


 40, 69, 79

 17, 44, 55


 0, 26, 34

 0, 0, 0

 139, 171, 181


 121, 167, 181

 139, 171, 181


 157, 175, 181


 103, 163, 181

 175, 180, 181


 85, 158, 181


 193, 181, 189

 67, 154, 181


 211, 181, 202

 48, 149, 181

 230, 181, 214

 30, 145, 181

 248, 181, 227

 12, 141, 181

 255, 181, 239

 0, 138, 181

 255, 181, 252

 255, 181, 255

Harmonies

Analogous

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



137, 177, 152



139, 171, 181



120, 154, 183

Triad

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



139, 171, 181



150, 166, 211



212, 159, 150

Complementary

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



139, 171, 181



181, 139, 168

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.



212, 157, 170



139, 171, 181



177, 165, 205

Square

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



139, 171, 181



125, 157, 207



199, 159, 190



202, 185, 136

Rectangle

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



139, 171, 181



114, 149, 186



199, 159, 190



213, 157, 156

Sweetspot

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



139, 171, 181



218, 231, 235



139, 181, 152



108, 115, 117



245, 245, 245



117, 117, 117

Same Dimension

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



139, 171, 181



169, 220, 235



139, 162, 181



80, 87, 89



0, 116, 153



0, 20, 26

Inverse Universe

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



181, 139, 168



235, 169, 214



181, 139, 147



89, 80, 86



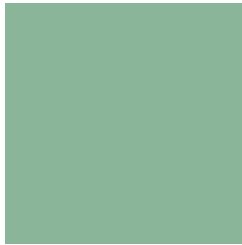
153, 0, 105



26, 0, 18

Previews

White Background



This preview shows how the RYB color 139, 171, 181 looks on a white background.

Color Contrast Check

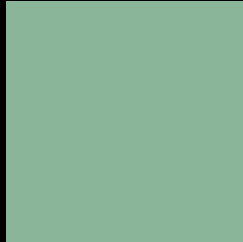
Large Text (above 18pt) WCAG AA × Fail

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, 171, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

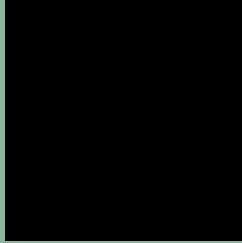
Any Text WCAG AA ✓ Pass

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, 171, 181 Background



This preview shows how black text looks on a background with the RYB color 139, 171, 181.

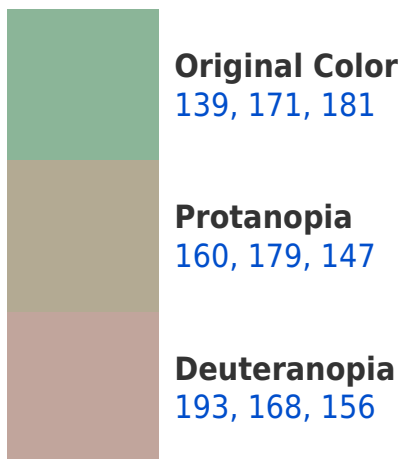


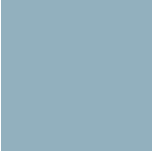
This preview shows how white text looks on a background with the RYB color 139, 171, 181.

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
146, 164, 190

Trichromacy



Original Color
139, 171, 181

Protanomaly
149, 174, 159

Deuteranomaly
157, 173, 155

Tritanomaly
143, 161, 178

Monochromacy



Original Color
139, 171, 181

Achromatopsia
165, 165, 165

Achromatomaly
156, 168, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 139, 171, 181 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, 181, 152)` looks like.

```
.text, #text, p{  
    color:rgb(139, 181, 152)  
}
```

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, 181, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 181, 152) }
```

Border

The CSS property to change the border of an element to RYB 139, 171, 181 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, 181, 152) }
```

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

```
.border{ border-color:rgb(139, 181, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 181, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 181, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 181, 152);  
box-shadow:4px 4px 4px 4px rgb(139, 181,  
152) }
```

Background

The CSS property to change the background color of an element to RYB 139, 171, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 181, 152) }
```

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

```
.background{ background-color: rgb(139,  
181, 152) }
```

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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