

Converting Colors

`RYB(139, 171, 178)`

Have a look what the booklet for
RYB(139, 171, 178) contains.

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Color

R_YB(139, 171, 178)

Conversions

Conversions Part 1

Format	Color
Hex	8BB294
RGB	139, 178, 148
RGB Percent	55%, 70%, 58%
CMY	0.4549, 0.3020, 0.4214
CMYK	0.22, 0.00, 0.17, 0.30
HSL	133°, 20%, 62%
HSV	133°, 22%, 70%
XYZ	31.8761, 39.4531, 33.7580
YIQ	162.9190, -13.6140, -17.5980

Conversions

Conversions Part 2

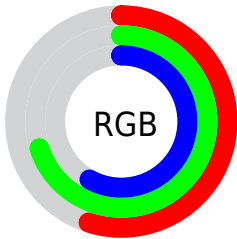
Format	Color
RYB	139, 171, 178
Decimal	9155220
CIELab	69.08, -19.33, 11.32
CIElCh	69, 22.402, 149.640
Yxy	39.4531, 0.3033, 0.3754
Android (android.graphics.Color)	4287345300 (0xFF8BB294)
YUV	162.9190, -7.3551, -20.9770
Hunter-Lab	62.8117, -19.3340, 12.1029

Details

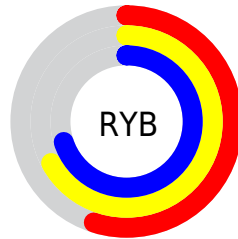
The RYB color **139, 171, 178** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **178, 139, 169**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **193, 227, 234**, and **88, 118, 125** is the 20% darker color. If you saturate the color by 10%, you get **121, 167, 178**, and if you desaturate by 10%, it is **157, 175, 178**.

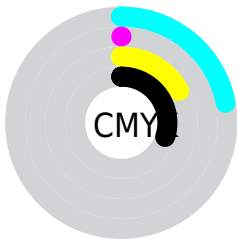
Distribution



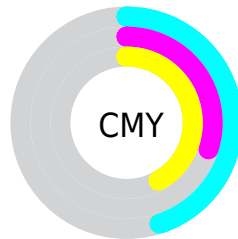
- Red (55%)
- Green (70%)
- Blue (58%)



- Red (55%)
- Yellow (67%)
- Blue (70%)



- Cyan (22%)
- Magenta (0%)
- Yellow (17%)
- Black (30%)




- Cyan (45%)
- Magenta (30%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 139, 171, 178 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, 178 by changing the saturation by 10% instead.

 139, 171, 178

255, 255, 255


 193, 227, 234

 221, 248, 255


 250, 253, 255

 139, 171, 178

 113, 144, 151

 88, 118, 125

 64, 93, 100

 41, 69, 76

 18, 45, 53

 0, 28, 32

 0, 0, 0

 139, 171, 178


 121, 167, 178


 139, 171, 178


 157, 175, 178


 103, 164, 178


 175, 178, 178

 86, 162, 178


 192, 178, 189


 68, 158, 178


 210, 178, 203

 50, 155, 178

 228, 178, 217

 32, 152, 178

 246, 178, 231

 14, 148, 178

 255, 178, 245

 0, 146, 178

 255, 178, 255

Harmonies

Analogous

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



133, 173, 144



139, 171, 178



119, 153, 180

Triad

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



139, 171, 178



144, 163, 209



210, 156, 149

Complementary

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



139, 171, 178



178, 139, 169

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.



208, 154, 170



139, 171, 178



172, 163, 204

Square

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



139, 171, 178



120, 153, 203



195, 157, 189



201, 176, 134

Rectangle

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



139, 171, 178



112, 146, 181



195, 157, 189



210, 155, 156

Sweetspot

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



139, 171, 178



216, 229, 232



139, 178, 147



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, 178



172, 221, 232



139, 162, 178



80, 87, 89



0, 126, 153



0, 21, 26

Inverse Universe

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



178, 139, 169



232, 172, 219



178, 139, 150



89, 80, 87



153, 0, 120



26, 0, 20

Previews

White Background



This preview shows how the RYB color 139, 171, 178 looks on a white background.

Color Contrast Check

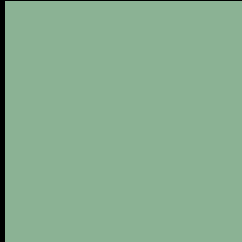
Large Text (above 18pt) WCAG AA × Fail

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, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

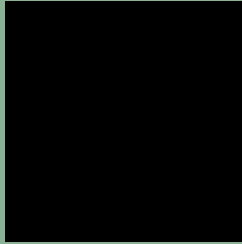
Any Text WCAG AA ✓ Pass

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, 178 Background



This preview shows how black text looks on a background with the RYB color 139, 171, 178.

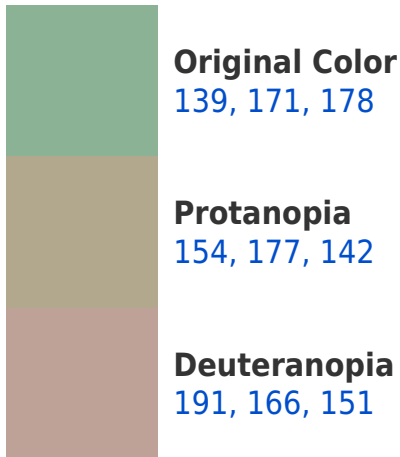


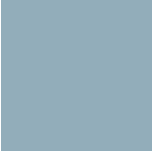
This preview shows how white text looks on a background with the RYB color 139, 171, 178.

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, 162, 186

Trichromacy



Original Color
139, 171, 178

Protanomaly
144, 172, 153

Deuteranomaly
155, 172, 150

Tritanomaly
143, 160, 175

Monochromacy



Original Color
139, 171, 178

Achromatopsia
163, 163, 163

Achromatomaly
154, 166, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 139, 171, 178 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, 178, 148)` looks like.

```
.text, #text, p{  
    color:rgb(139, 178, 148)  
}
```

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, 178, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 178, 148) }
```

Border

The CSS property to change the border of an element to RYB 139, 171, 178 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, 178, 148) }
```

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

```
.border{ border-color:rgb(139, 178, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 178, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 178, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 178, 148);  
box-shadow:4px 4px 4px 4px rgb(139, 178,  
148) }
```

Background

The CSS property to change the background color of an element to RYB 139, 171, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 178, 148) }
```

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

```
.background{ background-color: rgb(139,  
178, 148) }
```

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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