

Converting Colors

`RYB(147, 171, 179)`

Have a look what the booklet for
RYB(147, 171, 179) contains.

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Color

R_YB(147, 171, 179)

Conversions

Conversions Part 1

Format	Color
Hex	93B39E
RGB	147, 179, 158
RGB Percent	58%, 70%, 62%
CMY	0.4235, 0.2980, 0.3817
CMYK	0.18, 0.00, 0.12, 0.30
HSL	140°, 17%, 64%
HSV	140°, 18%, 70%
XYZ	34.2956, 40.9004, 38.2845
YIQ	167.0380, -12.3310, -13.3150

Conversions

Conversions Part 2

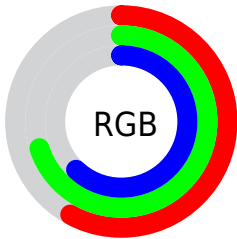
Format	Color
RYB	147, 171, 179
Decimal	9679774
CIELab	70.11, -15.19, 7.30
CIELCh	70, 16.847, 154.335
Yxy	40.9004, 0.3022, 0.3604
Android (android.graphics.Color)	4287869854 (0xFF93B39E)
YUV	167.0380, -4.4557, -17.5733
Hunter-Lab	63.9534, -16.1962, 9.2745

Details

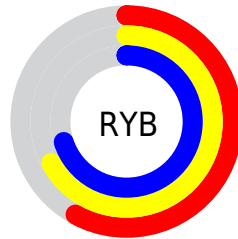
The RYB color **147, 171, 179** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **179, 147, 168**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **201, 226, 235**, and **96, 118, 126** is the 20% darker color. If you saturate the color by 10%, you get **129, 166, 179**, and if you desaturate by 10%, it is **165, 175, 179**.

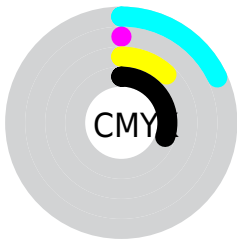
Distribution



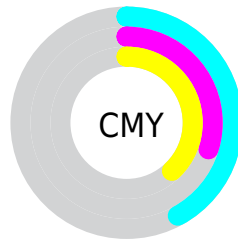
- Red (58%)
- Green (70%)
- Blue (62%)



- Red (58%)
- Yellow (67%)
- Blue (70%)



- Cyan (18%)
- Magenta (0%)
- Yellow (12%)
- Black (30%)



- Cyan (42%)
- Magenta (30%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 147, 171, 179 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 147, 171, 179 by changing the saturation by 10% instead.


 147, 171, 179


255, 255, 255

 201, 227, 235

 230, 247, 255

 147, 171, 179

 121, 144, 152

 96, 119, 126

 72, 94, 101

 49, 70, 77


 27, 47, 54

 5, 25, 33

 0, 1, 1


 0, 0, 0


 147, 171, 179


 147, 171, 179


 129, 166, 179


 165, 175, 179

 111, 162, 179


 183, 179, 182


 93, 157, 179


 201, 179, 193

 75, 153, 179


 219, 179, 205

 57, 148, 179

 236, 179, 217

 40, 144, 179

 254, 179, 229

 22, 140, 179

 255, 179, 241

 4, 135, 179

 255, 179, 253

 0, 134, 179

 255, 179, 255

Harmonies

Analogous

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



146, 176, 158



147, 171, 179



134, 159, 180

Triad

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



147, 171, 179



157, 168, 202



203, 163, 155

Complementary

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



147, 171, 179



179, 147, 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.



202, 161, 170



147, 171, 179



177, 167, 197

Square

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



147, 171, 179



140, 163, 198



193, 162, 185



195, 183, 144

Rectangle

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



147, 171, 179



131, 156, 183



193, 162, 185



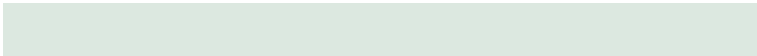
204, 161, 159

Sweetspot

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



147, 171, 179



220, 229, 232



147, 179, 158



110, 115, 117



245, 245, 245



117, 117, 117

Same Dimension

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



147, 171, 179



183, 219, 232



147, 165, 179



80, 87, 89



0, 115, 153



0, 20, 26

Inverse Universe

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



179, 147, 168



232, 183, 216



179, 147, 152



89, 80, 86



153, 0, 102



26, 0, 17

Previews

White Background



This preview shows how the RYB color 147, 171, 179 looks on a white background.

Color Contrast Check

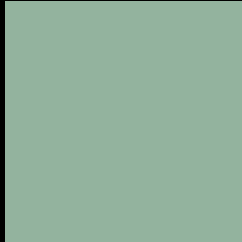
Large Text (above 18pt) WCAG AA × Fail

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 147, 171, 179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

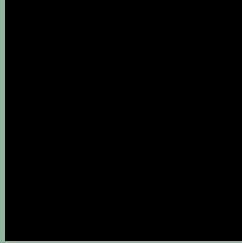
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

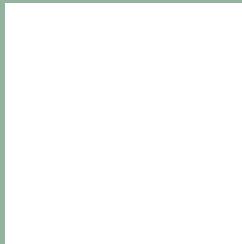
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 147, 171, 179 Background



This preview shows how black text looks on a background with the RYB color 147, 171, 179.



This preview shows how white text looks on a background with the RYB color 147, 171, 179.

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
147, 171, 179

Protanopia
165, 178, 153

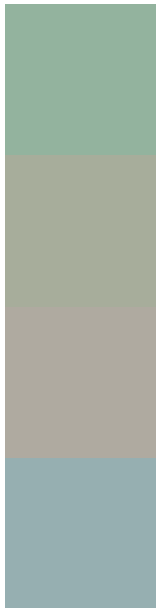
Deuteranopia
191, 166, 161



Tritanopia

152, 166, 188

Trichromacy



Original Color

147, 171, 179

Protanomaly

155, 173, 161

Deuteranomaly

168, 175, 160

Tritanomaly

150, 163, 177

Monochromacy



Original Color

147, 171, 179

Achromatopsia

167, 167, 167

Achromatomaly

160, 168, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 147, 171, 179 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(147, 179, 158)` looks like.

```
.text, #text, p{  
    color:rgb(147, 179, 158)  
}
```

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(147, 179, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 179, 158) }
```

Border

The CSS property to change the border of an element to RYB 147, 171, 179 is called "border". The border property can be set on classes, ids or directly on the HTML element.

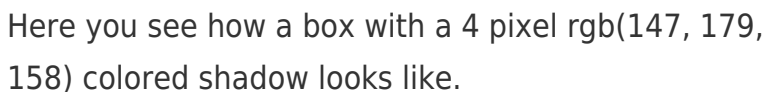
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 179, 158) }
```

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

```
.border{ border-color:rgb(147, 179, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 179, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 179, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 179, 158); box-shadow:4px 4px 4px 4px rgb(147, 179, 158) }
```

Background

The CSS property to change the background color of an element to RYB 147, 171, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 179, 158) }
```

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

```
.background{ background-color: rgb(147,  
179, 158) }
```

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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