

Converting Colors

`RYB(147, 169, 178)`

Have a look what the booklet for RYB(147, 169, 178) contains.

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Color

R_YB(147, 169, 178)

Conversions

Conversions Part 1

Format	Color
Hex	93B2A0
RGB	147, 178, 160
RGB Percent	58%, 70%, 63%
CMY	0.4235, 0.3020, 0.3738
CMYK	0.17, 0.00, 0.10, 0.30
HSL	145°, 17%, 64%
HSV	145°, 17%, 70%
XYZ	34.2704, 40.5708, 39.1367
YIQ	166.6790, -12.6980, -12.1700

Conversions

Conversions Part 2

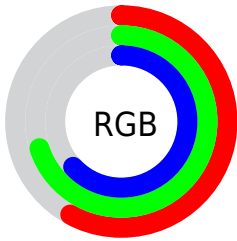
Format	Color
RYB	147, 169, 178
Decimal	9679520
CIELab	69.87, -14.27, 5.86
CIELCh	70, 15.428, 157.688
Yxy	40.5708, 0.3007, 0.3560
Android (android.graphics.Color)	4287869600 (0xFF93B2A0)
YUV	166.6790, -3.2927, -17.2585
Hunter-Lab	63.6952, -15.4270, 8.1567

Details

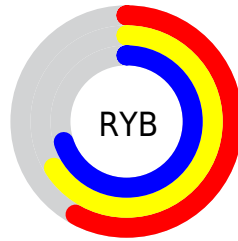
The RYB color **147, 169, 178** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **178, 147, 165**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **201, 224, 234**, and **96, 116, 125** is the 20% darker color. If you saturate the color by 10%, you get **129, 164, 178**, and if you desaturate by 10%, it is **165, 174, 178**.

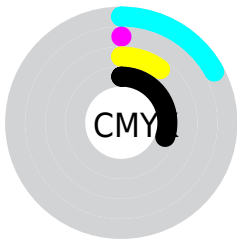
Distribution



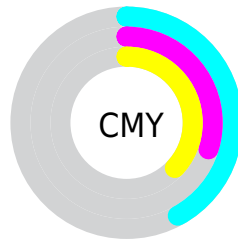
- Red (58%)
- Green (70%)
- Blue (63%)



- Red (58%)
- Yellow (66%)
- Blue (70%)



- Cyan (17%)
- Magenta (0%)
- Yellow (10%)
- Black (30%)




- Cyan (42%)
- Magenta (30%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 147, 169, 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 147, 169, 178 by changing the saturation by 10% instead.


 147, 169, 178


255, 255, 255

 201, 225, 234

 229, 246, 255

 147, 169, 178

 121, 142, 151

 96, 117, 125


 72, 92, 100

 49, 68, 76

 27, 45, 53

 5, 23, 32


 0, 0, 0

 147, 169, 178


 129, 164, 178


 147, 169, 178


 165, 174, 178

 111, 158, 178


 183, 178, 181

 94, 154, 178


 200, 178, 191

 76, 148, 178

 218, 178, 202

 58, 143, 178

 236, 178, 212

 40, 138, 178

 254, 178, 223

 22, 133, 178

 255, 178, 233

 5, 128, 178

 255, 178, 244

 0, 126, 178

 255, 178, 254

Harmonies

Analogous

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



148, 175, 161



147, 169, 178



136, 159, 179

Triad

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



147, 169, 178



160, 169, 198



199, 165, 154

Complementary

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



147, 169, 178



178, 147, 165

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.



200, 161, 168



147, 169, 178



178, 166, 193

Square

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



147, 169, 178



144, 163, 196



192, 162, 182



191, 184, 145

Rectangle

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



147, 169, 178



134, 157, 183



192, 162, 182



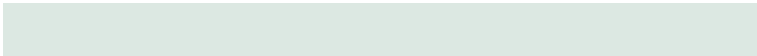
200, 162, 158

Sweetspot

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



147, 169, 178



220, 228, 232



147, 178, 159



110, 115, 117



245, 245, 245



117, 117, 117

Same Dimension

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



147, 169, 178



183, 218, 232



147, 163, 178



80, 86, 89



0, 108, 153



0, 19, 26

Inverse Universe

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



178, 147, 165



232, 183, 212



178, 147, 150



89, 80, 86



153, 0, 90



26, 0, 15

Previews

White Background



This preview shows how the RYB color 147, 169, 178 looks on a white background.

Color Contrast Check

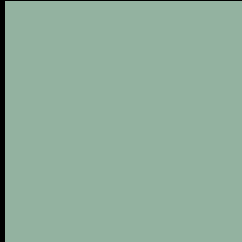
Large Text (above 18pt) WCAG AA × Fail

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 147, 169, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

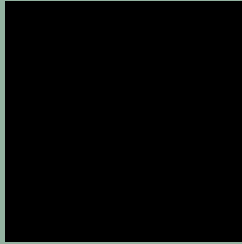
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

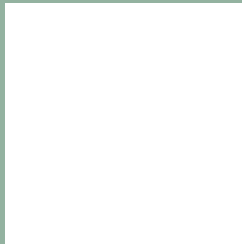
Any Text WCAG AAA ✓ Pass

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

RYB 147, 169, 178 Background



This preview shows how black text looks on a background with the RYB color 147, 169, 178.

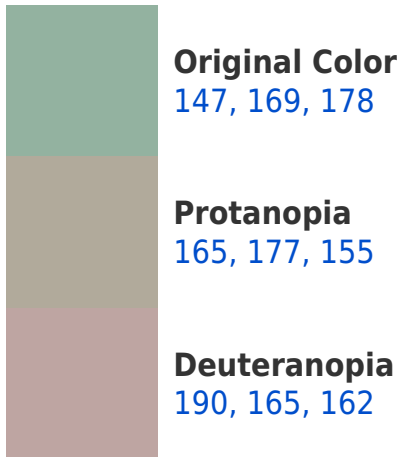


This preview shows how white text looks on a background with the RYB color 147, 169, 178.

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
152, 166, 188

Trichromacy



Original Color

147, 169, 178

Protanomaly

157, 173, 164

Deuteranomaly

167, 174, 161

Tritanomaly

150, 163, 178

Monochromacy



Original Color

147, 169, 178

Achromatopsia

167, 167, 167

Achromatomaly

160, 168, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 147, 169, 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(147, 178, 160)` looks like.

```
.text, #text, p{  
    color:rgb(147, 178, 160)  
}
```

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, 178, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 178, 160) }
```

Border

The CSS property to change the border of an element to RYB 147, 169, 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(147, 178, 160) }
```

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

```
.border{ border-color:rgb(147, 178, 160) }
```

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

Here you see how a box with a 4 pixel rgb(147, 178, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 178, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 178, 160);  
box-shadow:4px 4px 4px 4px rgb(147, 178,  
160) }
```

Background

The CSS property to change the background color of an element to RYB 147, 169, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 178, 160) }
```

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

```
.background{ background-color: rgb(147,  
178, 160) }
```

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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