

Converting Colors

`RYB(144, 179, 175)`

Have a look what the booklet for RYB(144, 179, 175) contains.

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Color

`RYB(144, 179, 175)`

Conversions

Conversions Part 1

Format	Color
Hex	94B390
RGB	148, 179, 144
RGB Percent	58%, 70%, 56%
CMY	0.4196, 0.2980, 0.4353
CMYK	0.17, 0.00, 0.20, 0.30
HSL	113°, 19%, 63%
HSV	113°, 20%, 70%
XYZ	33.3669, 40.5497, 32.4538
YIQ	165.7410, -7.2410, -17.4570

Conversions

Conversions Part 2

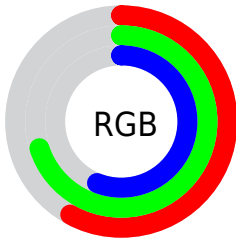
Format	Color
RYB	144, 179, 175
Decimal	9745296
CIELab	69.86, -17.36, 14.44
CIELCh	70, 22.581, 140.261
Yxy	40.5497, 0.3137, 0.3812
Android (android.graphics.Color)	4287935376 (0xFF94B390)
YUV	165.7410, -10.7183, -15.5589
Hunter-Lab	63.6787, -17.9057, 14.3579

Details

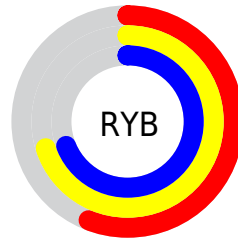
The RYB color **144, 179, 175** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **175, 144, 179**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **198, 235, 231**, and **94, 126, 123** is the 20% darker color. If you saturate the color by 10%, you get **126, 179, 173**, and if you desaturate by 10%, it is **162, 179, 177**.

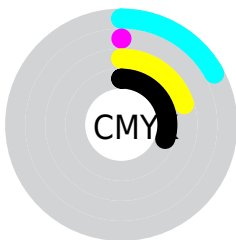
Distribution



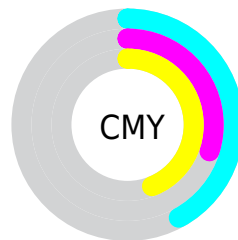
- Red (58%)
- Green (70%)
- Blue (56%)



- Red (56%)
- Yellow (70%)
- Blue (69%)



- Cyan (17%)
- Magenta (0%)
- Yellow (20%)
- Black (30%)



- Cyan (42%)
- Magenta (30%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 179, 175 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 144, 179, 175 by changing the saturation by 10% instead.

 144, 179, 175


255, 255, 255


 198, 235, 231

 226, 255, 250

 144, 179, 175

 118, 152, 148

 94, 126, 123


 70, 101, 98

 47, 77, 75


 26, 54, 53

 0, 33, 27

 0, 0, 0

 144, 179, 175

 126, 179, 173

 144, 179, 175

 162, 179, 177

■ 108, 179, 171

■ 180, 179, 180

■ 90, 179, 169

■ 196, 179, 198

■ 72, 179, 166

■ 211, 179, 216

■ 55, 179, 165

■ 227, 179, 234

■ 37, 179, 163

■ 243, 179, 251

■ 19, 179, 161

■ 255, 179, 255

■ 1, 179, 159

■ 0, 179, 159

Harmonies

Analogous

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



132, 174, 135



144, 179, 175



126, 160, 182

Triad

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



144, 179, 175



138, 163, 211



213, 157, 157

Complementary

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



144, 179, 175



175, 144, 179

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.



207, 157, 178



144, 179, 175



165, 168, 209

Square

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



144, 179, 175



117, 153, 201



191, 161, 197



207, 171, 140

Rectangle

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



144, 179, 175



116, 150, 182



191, 161, 197



212, 156, 164

Sweetspot

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



144, 179, 175



218, 232, 230



149, 179, 144



109, 117, 116



245, 245, 245



117, 117, 117

Same Dimension

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



144, 179, 175



179, 232, 226



144, 170, 179



80, 89, 88



0, 153, 136



0, 26, 23

Inverse Universe

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



175, 144, 179



226, 179, 232



179, 144, 166



88, 80, 89



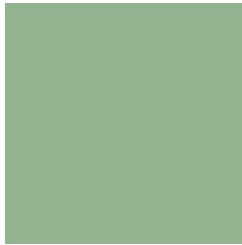
136, 0, 153



23, 0, 26

Previews

White Background



This preview shows how the RYB color 144, 179, 175 looks on a white background.

Color Contrast Check

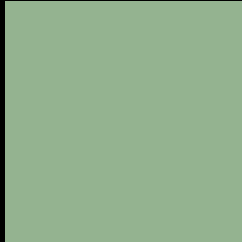
Large Text (above 18pt) WCAG AA × Fail

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 144, 179, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

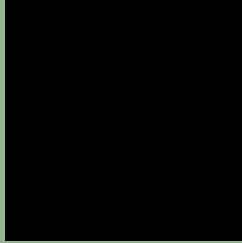
Any Text WCAG AA ✓ Pass

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](#).

R Y B 144, 179, 175 Background



This preview shows how black text looks on a background with the R Y B color 144, 179, 175.

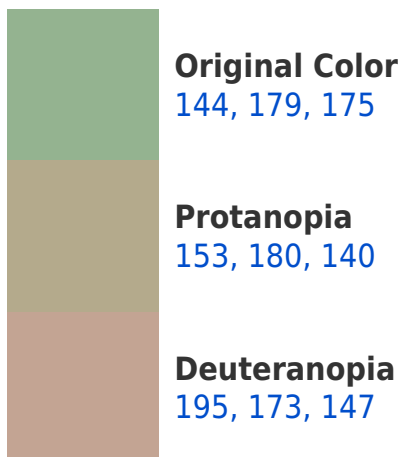


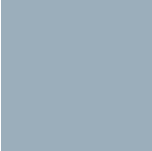
This preview shows how white text looks on a background with the R Y B color 144, 179, 175.

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
155, 167, 187

Trichromacy



Original Color

144, 179, 175

Protanomaly

141, 173, 146

Deuteranomaly

159, 178, 146

Tritanomaly

152, 165, 175

Monochromacy



Original Color

144, 179, 175

Achromatopsia

166, 166, 166

Achromatomaly

158, 171, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 179, 175 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(148, 179, 144)` looks like.

```
.text, #text, p{  
    color:rgb(148, 179, 144)  
}
```

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(148, 179, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 179, 144) }
```

Border

The CSS property to change the border of an element to RYB 144, 179, 175 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(148, 179, 144) }
```

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

```
.border{ border-color:rgb(148, 179, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 179, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 179, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 179, 144);  
box-shadow:4px 4px 4px 4px rgb(148, 179,  
144) }
```

Background

The CSS property to change the background color of an element to RYB 144, 179, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 179, 144) }
```

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

```
.background{ background-color: rgb(148,  
179, 144) }
```

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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