

Converting Colors

`RYB(144, 159, 176)`

Have a look what the booklet for RYB(144, 159, 176) contains.

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Color

R_YB(144, 159, 176)

Conversions

Conversions Part 1

Format	Color
Hex	90ACB0
RGB	144, 172, 176
RGB Percent	56%, 67%, 69%
CMY	0.4353, 0.3246, 0.3098
CMYK	0.18, 0.02, 0.00, 0.31
HSL	187°, 17%, 63%
HSV	187°, 18%, 69%
XYZ	34.1354, 38.6586, 46.7370
YIQ	164.0840, -17.9720, -4.6920

Conversions

Conversions Part 2

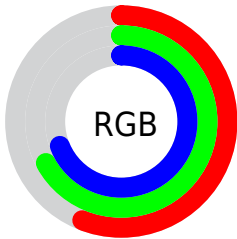
Format	Color
RYB	144, 159, 176
Decimal	9481392
CIELab	68.50, -8.83, -5.17
CIElCh	69, 10.235, 210.359
Yxy	38.6586, 0.2856, 0.3234
Android (android.graphics.Color)	4287671472 (0xFF90ACB0)
YUV	164.0840, 5.8746, -17.6137
Hunter-Lab	62.1760, -10.8093, -1.0444

Details

The RYB color `144, 159, 176` is a light color, and the websafe version is hex `999999`. A complement of this color would be `176, 149, 144`, and the grayscale version is `164, 164, 164`.

A 20% lighter version of the original color is `198, 214, 232`, and `93, 107, 124` is the 20% darker color. If you saturate the color by 10%, you get `126, 149, 176`, and if you desaturate by 10%, it is `162, 168, 176`.

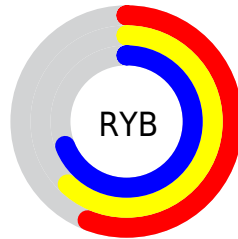
Distribution



Red (56%)

Green (67%)

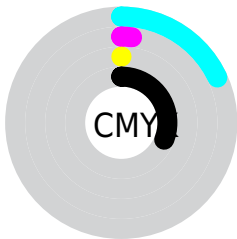
Blue (69%)



Red (56%)

Yellow (62%)

Blue (69%)

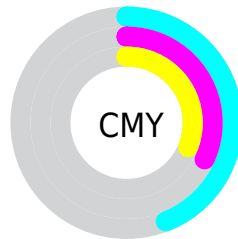


Cyan (18%)

Magenta (2%)

Yellow (0%)

Black (31%)



Cyan (44%)


Magenta (32%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 159, 176 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, 159, 176 by changing the saturation by 10% instead.


 144, 159, 176


255, 255, 255

 198, 214, 232

 226, 241, 255


 144, 159, 176


 118, 133, 149

 93, 107, 124

 69, 83, 99


 46, 59, 75


 23, 37, 52

 1, 15, 31

 0, 0, 6

 0, 0, 0

 144, 159, 176

 144, 159, 176

■ 126, 149, 176

■ 162, 168, 176

■ 109, 140, 176

■ 179, 176, 176

■ 91, 131, 176

■ 197, 178, 176

■ 74, 122, 176

■ 214, 182, 176

■ 56, 112, 176

■ 232, 184, 176

■ 38, 103, 176

■ 250, 186, 176

■ 21, 94, 176

■ 255, 189, 176

■ 3, 84, 176

■ 255, 192, 176

■ 0, 82, 176

■ 255, 195, 176

Harmonies

Analogous

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



146, 161, 173



144, 159, 176



148, 162, 183

Triad

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



144, 159, 176



179, 162, 176



163, 175, 149

Complementary

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



144, 159, 176



176, 149, 144

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.



183, 170, 151



144, 159, 176



186, 161, 167

Square

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



144, 159, 176



169, 165, 183



187, 161, 158



151, 169, 156

Rectangle

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



144, 159, 176



154, 164, 185



187, 161, 158



173, 178, 149

Sweetspot

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



144, 159, 176



218, 223, 230



144, 172, 176



108, 111, 115



242, 242, 242



115, 115, 115

Same Dimension

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



144, 159, 176



179, 203, 230



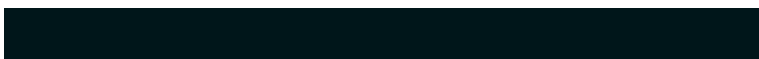
144, 153, 176



80, 84, 89



0, 72, 153



0, 12, 26

Inverse Universe

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



176, 144, 172



230, 179, 224



163, 176, 144



89, 80, 88



153, 0, 135



26, 0, 23

Previews

White Background



This preview shows how the RYB color 144, 159, 176 looks on a white background.

Color Contrast Check

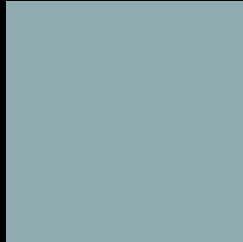
Large Text (above 18pt) WCAG AA × Fail

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, 159, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

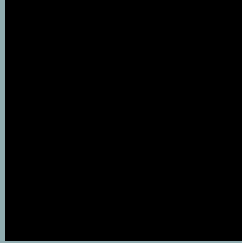
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

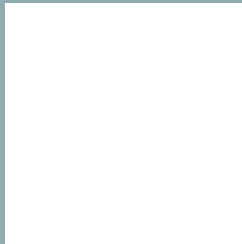
Any Text WCAG AAA ✓ Pass

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

RYB 144, 159, 176 Background



This preview shows how black text looks on a background with the RYB color 144, 159, 176.



This preview shows how white text looks on a background with the RYB color 144, 159, 176.

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](#).

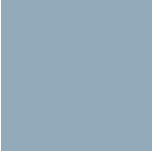
Dichromacy



Original Color
144, 159, 176

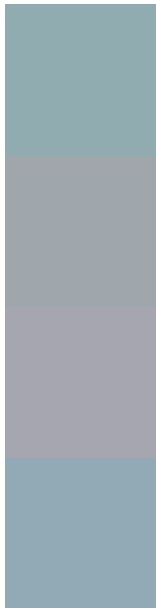
Protanopia
168, 166, 172

Deuteranopia
178, 162, 178



Tritanopia
146, 161, 185

Trichromacy



Original Color

144, 159, 176

Protanomaly

159, 164, 173

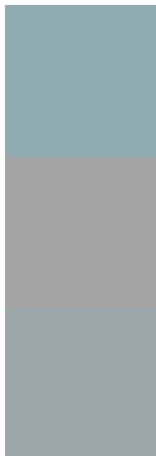
Deuteranomaly

166, 166, 177

Tritanomaly

145, 160, 182

Monochromacy



Original Color

144, 159, 176

Achromatopsia

164, 164, 164

Achromatomaly

157, 162, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 159, 176 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(144, 172, 176)` looks like.

```
.text, #text, p{  
    color:rgb(144, 172, 176)  
}
```

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(144, 172, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 172, 176) }
```

Border

The CSS property to change the border of an element to RYB 144, 159, 176 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(144, 172, 176) }
```

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

```
.border{ border-color:rgb(144, 172, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 172, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 172, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 172, 176);  
box-shadow:4px 4px 4px 4px rgb(144, 172,  
176) }
```

Background

The CSS property to change the background color of an element to RYB 144, 159, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 172, 176) }
```

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

```
.background{ background-color: rgb(144,  
172, 176) }
```

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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