

Converting Colors

`RYB(144, 159, 183)`

Have a look what the booklet for RYB(144, 159, 183) contains.

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Color

$\text{RYB}(144, 159, 183)$

Conversions

Conversions Part 1

Format	Color
Hex	90A8B7
RGB	144, 168, 183
RGB Percent	56%, 66%, 72%
CMY	0.4353, 0.3397, 0.2824
CMYK	0.21, 0.08, 0.00, 0.28
HSL	202°, 21%, 64%
HSV	202°, 21%, 72%
XYZ	34.1208, 37.4921, 50.2381
YIQ	162.5340, -19.1190, -0.4230

Conversions

Conversions Part 2

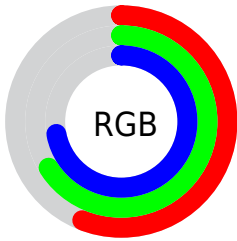
Format	Color
RYB	144, 159, 183
Decimal	9480375
CIELab	67.64, -5.18, -10.33
CIElCh	68, 11.556, 243.363
Yxy	37.4921, 0.2800, 0.3077
Android (android.graphics.Color)	4287670455 (0xFF90A8B7)
YUV	162.5340, 10.0897, -16.2543
Hunter-Lab	61.2308, -7.6850, -5.7841

Details

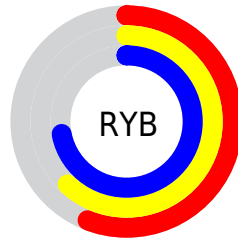
The RYB color **144, 159, 183** is a light color, and the websafe version is hex **999999**. A complement of this color would be **183, 168, 144**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **198, 214, 239**, and **93, 107, 130** is the 20% darker color. If you saturate the color by 10%, you get **126, 148, 183**, and if you desaturate by 10%, it is **162, 170, 183**.

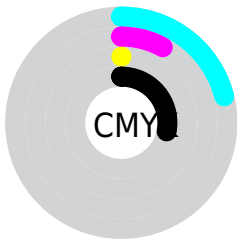
Distribution



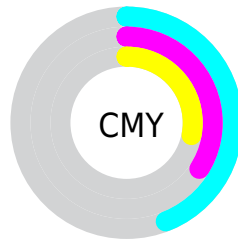
- Red (56%)
- Green (66%)
- Blue (72%)



- Red (56%)
- Yellow (62%)
- Blue (72%)



- Cyan (21%)
- Magenta (8%)
- Yellow (0%)
- Black (28%)




- Cyan (44%)
- Magenta (34%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 159, 183 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, 183 by changing the saturation by 10% instead.

 144, 159, 183


255, 255, 255

 198, 214, 239

 226, 240, 255

 144, 159, 183

 118, 133, 156


 93, 107, 130

 69, 83, 105


 45, 59, 81


 22, 36, 58

 0, 15, 36

 0, 1, 15

 0, 0, 0

 144, 159, 183

 144, 159, 183

■ 126, 148, 183

■ 162, 170, 183

■ 107, 136, 183

■ 181, 182, 183

■ 89, 125, 183

■ 199, 193, 183

■ 71, 114, 183

■ 217, 204, 183

■ 53, 103, 183

■ 236, 215, 183

■ 34, 91, 183

■ 254, 227, 183

■ 16, 80, 183

■ 255, 244, 183

■ 0, 70, 183

■ 241, 255, 183

■ 221, 255, 183

Harmonies

Analogous

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



139, 156, 176



144, 159, 183



155, 163, 185

Triad

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



144, 159, 183



186, 158, 164



147, 168, 155

Complementary

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



144, 159, 183



183, 168, 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.



155, 172, 144



144, 159, 183



187, 160, 154

Square

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



144, 159, 183



180, 159, 174



182, 172, 146



149, 165, 170

Rectangle

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



144, 159, 183



164, 163, 184



182, 172, 146



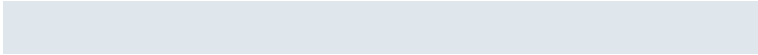
146, 167, 149

Sweetspot

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



144, 159, 183



223, 228, 237



144, 173, 183



111, 115, 120



247, 247, 247



120, 120, 120

Same Dimension

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



144, 159, 183



175, 199, 237



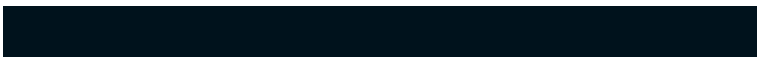
144, 148, 183



83, 86, 92



0, 60, 156



0, 11, 28

Inverse Universe

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



183, 144, 168



237, 175, 214



150, 183, 144



92, 83, 88



156, 0, 97



28, 0, 18

Previews

White Background



This preview shows how the RYB color 144, 159, 183 looks on a white background.

Color Contrast Check

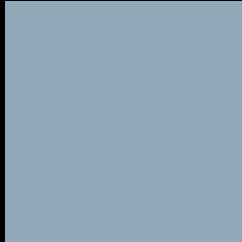
Large Text (above 18pt) WCAG AA × Fail

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, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

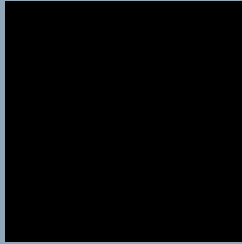
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

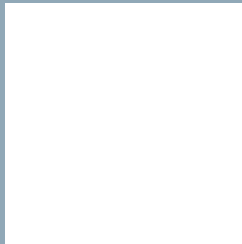
Any Text WCAG AAA ✓ Pass

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

RYP 144, 159, 183 Background



This preview shows how black text looks on a background with the RYB color 144, 159, 183.



This preview shows how white text looks on a background with the RYB color 144, 159, 183.

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](#).

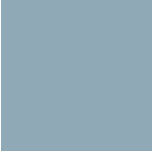
Dichromacy



Original Color
144, 159, 183

Protanopia
163, 163, 180

Deuteranopia
171, 160, 185



Tritanopia
144, 159, 182

Trichromacy



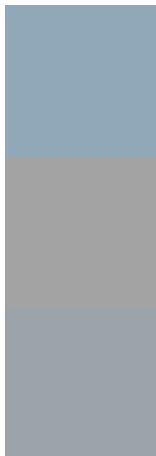
Original Color
144, 159, 183

Protanomaly
156, 163, 181

Deuteranomaly
161, 163, 184

Tritanomaly
144, 159, 182

Monochromacy



Original Color
144, 159, 183

Achromatopsia
163, 163, 163

Achromatomaly
156, 161, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 159, 183 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, 168, 183)` looks like.

```
.text, #text, p{  
    color:rgb(144, 168, 183)  
}
```

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, 168, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 168, 183) }
```

Border

The CSS property to change the border of an element to RYB 144, 159, 183 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, 168, 183) }
```

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

```
.border{ border-color:rgb(144, 168, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 168, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 168, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 168, 183);  
box-shadow:4px 4px 4px 4px rgb(144, 168,  
183) }
```

Background

The CSS property to change the background color of an element to RYB 144, 159, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 168, 183) }
```

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

```
.background{ background-color: rgb(144,  
168, 183) }
```

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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