

Converting Colors

`RYB(151, 159, 174)`

Have a look what the booklet for
RYB(151, 159, 174) contains.

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Color

$\text{RYB}(151, 159, 174)$

Conversions

Conversions Part 1

Format	Color
Hex	97A3AE
RGB	151, 163, 174
RGB Percent	59%, 64%, 68%
CMY	0.4078, 0.3597, 0.3176
CMYK	0.13, 0.06, 0.00, 0.32
HSL	208°, 12%, 64%
HSV	208°, 13%, 68%
XYZ	33.5471, 35.9245, 45.2104
YIQ	160.6660, -10.6830, 0.8770

Conversions

Conversions Part 2

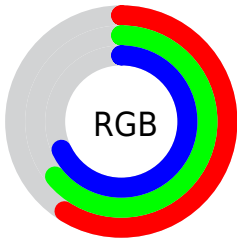
Format	Color
RYB	151, 159, 174
Decimal	9937838
CIELab	66.46, -2.09, -7.03
CIElCh	66, 7.334, 253.464
Yxy	35.9245, 0.2925, 0.3133
Android (android.graphics.Color)	4288127918 (0xFF97A3AE)
YUV	160.6660, 6.5737, -8.4771
Hunter-Lab	59.9370, -4.9824, -2.7664

Details

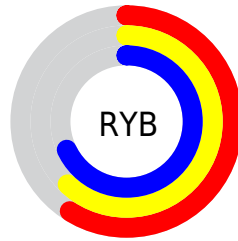
The RYB color **151, 159, 174** is a light color, and the websafe version is hex **999999**. A complement of this color would be **174, 172, 151**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **205, 213, 229**, and **100, 107, 122** is the 20% darker color. If you saturate the color by 10%, you get **134, 148, 174**, and if you desaturate by 10%, it is **168, 170, 174**.

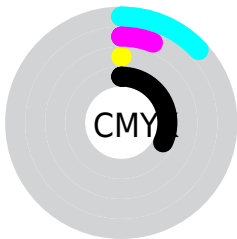
Distribution



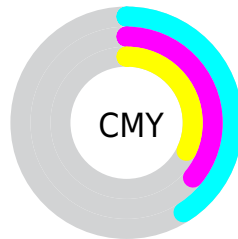
- Red (59%)
- Green (64%)
- Blue (68%)



- Red (59%)
- Yellow (62%)
- Blue (68%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (32%)




- Cyan (41%)
- Magenta (36%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 151, 159, 174 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 151, 159, 174 by changing the saturation by 10% instead.

 151, 159, 174


255, 255, 255

 205, 213, 229


 234, 242, 255


 151, 159, 174

 125, 133, 147

 100, 108, 122

 76, 83, 97

 53, 60, 73


 31, 38, 51

 10, 18, 30

 0, 0, 2

 0, 0, 0

 151, 159, 174

 151, 159, 174

■ 134, 148, 174

■ 168, 170, 174

■ 116, 136, 174

■ 186, 186, 174

■ 99, 125, 174

■ 203, 201, 174

■ 81, 114, 174

■ 221, 215, 174

■ 64, 102, 174

■ 238, 230, 174

■ 47, 91, 174

■ 255, 246, 174

■ 29, 79, 174

■ 236, 255, 174

■ 12, 68, 174

■ 215, 255, 174

■ 0, 61, 174

■ 199, 255, 174

Harmonies

Analogous

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



146, 157, 170



151, 159, 174



159, 161, 174

Triad

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



151, 159, 174



176, 157, 159



152, 164, 160

Complementary

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



151, 159, 174



174, 172, 151

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.



151, 164, 149



151, 159, 174



175, 159, 153

Square

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



151, 159, 174



173, 158, 166



171, 171, 149



150, 160, 165

Rectangle

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



151, 159, 174



164, 160, 173



171, 171, 149



151, 163, 155

Sweetspot

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



151, 159, 174



218, 221, 227



151, 167, 174



109, 111, 115



242, 242, 242



115, 115, 115

Same Dimension

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



151, 159, 174



191, 203, 227



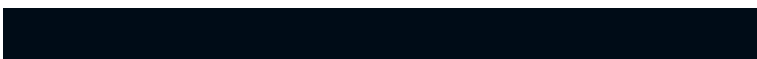
151, 152, 174



78, 81, 87



0, 52, 150



0, 8, 23

Inverse Universe

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



174, 151, 163



227, 191, 210



152, 174, 151



87, 78, 83



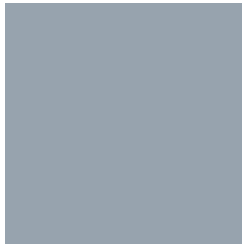
150, 0, 80



23, 0, 12

Previews

White Background



This preview shows how the RYB color 151, 159, 174 looks on a white background.

Color Contrast Check

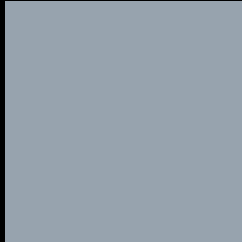
Large Text (above 18pt) WCAG AA × Fail

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 151, 159, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

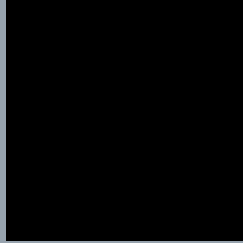
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

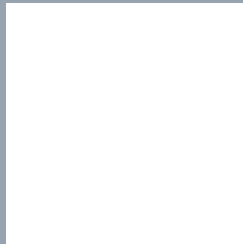
Any Text WCAG AAA ✓ Pass

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

R/Y/B 151, 159, 174 Background



This preview shows how black text looks on a background with the R/Y/B color 151, 159, 174.



This preview shows how white text looks on a background with the R/Y/B color 151, 159, 174.

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](#).

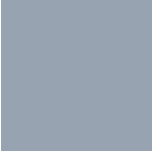
Dichromacy



Original Color
151, 159, 174

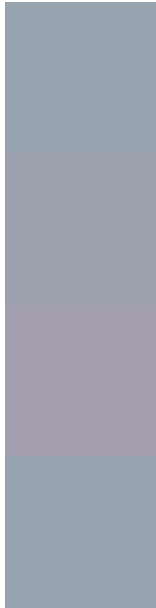
Protanopia
161, 160, 172

Deuteranopia
171, 157, 175



Tritanopia
151, 159, 176

Trichromacy



Original Color

151, 159, 174

Protanomaly

157, 160, 173

Deuteranomaly

164, 159, 175

Tritanomaly

151, 159, 175

Monochromacy



Original Color

151, 159, 174

Achromatopsia

161, 161, 161

Achromatomaly

157, 160, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 151, 159, 174 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(151, 163, 174)` looks like.

```
.text, #text, p{  
    color:rgb(151, 163, 174)  
}
```

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(151, 163, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 163, 174) }
```

Border

The CSS property to change the border of an element to RYB 151, 159, 174 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(151, 163, 174) }
```

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

```
.border{ border-color:rgb(151, 163, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 163, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 163, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 163, 174);  
box-shadow:4px 4px 4px 4px rgb(151, 163,  
174) }
```

Background

The CSS property to change the background color of an element to RYB 151, 159, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 163, 174) }
```

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

```
.background{ background-color: rgb(151,  
163, 174) }
```

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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