

# Converting Colors

`RYB(139, 151, 157)`

Have a look what the booklet for  
RYB(139, 151, 157) contains.

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# **Color**

**R<sub>Y</sub>B(139, 151, 157)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8B9D94
RGB	139, 157, 148
RGB Percent	55%, 62%, 58%
CMY	0.4549, 0.3843, 0.4196
CMYK	0.11, 0.00, 0.06, 0.38
HSL	150°, 8%, 58%
HSV	150°, 11%, 62%
XYZ	28.0497, 31.7410, 32.6652
YIQ	150.5920, -7.8390, -6.6150

# Conversions

## Conversions Part 2

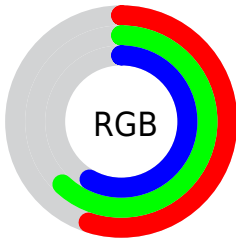
<b>Format</b>	<b>Color</b>
<b>RYB</b>	139, 151, 157
Decimal	9149844
CIELab	63.13, -8.18, 2.54
CIELCh	63, 8.566, 162.745
Yxy	31.7410, 0.3034, 0.3433
Android (android.graphics.Color)	4287339924 (0xFF8B9D94)
YUV	150.5920, -1.2779, -10.1662
Hunter-Lab	56.3392, -9.7233, 5.0613

# Details

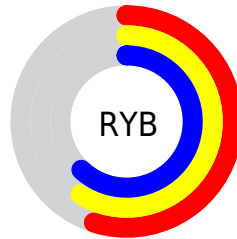
The RYB color **139, 151, 157** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **157, 139, 148**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **193, 206, 212**, and **89, 101, 106** is the 20% darker color. If you saturate the color by 10%, you get **123, 146, 157**, and if you desaturate by 10%, it is **155, 156, 157**.

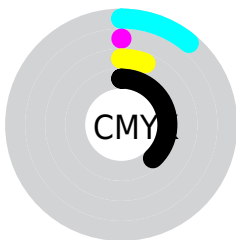
# Distribution



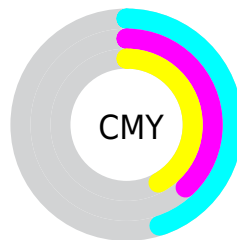
- Red (55%)
- Green (62%)
- Blue (58%)



- Red (55%)
- Yellow (59%)
- Blue (62%)



- Cyan (11%)
- Magenta (0%)
- Yellow (6%)
- Black (38%)



- Cyan (45%)
- Magenta (38%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 139, 151, 157 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 139, 151, 157 by changing the saturation by 10% instead.



 139, 151, 157

255, 255, 255


 193, 206, 212


 220, 233, 240

 249, 252, 255

 139, 151, 157

 113, 125, 131

 89, 101, 106

 65, 76, 82

 43, 54, 59

 22, 32, 37

 0, 12, 16

 0, 0, 0


 139, 151, 157


 123, 146, 157

 139, 151, 157


 155, 156, 157


 108, 141, 157


 170, 157, 164

 92, 136, 157


 186, 157, 172

 76, 130, 157


 202, 157, 179

 60, 124, 157

 218, 157, 187

 45, 120, 157


 233, 157, 195

 29, 114, 157

 249, 157, 203

 13, 109, 157

 255, 157, 211

 0, 104, 157

 255, 157, 219

# Harmonies

## Analogous

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



141, 156, 150



139, 151, 157



134, 146, 157

# Triad

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



139, 151, 157



149, 152, 167



168, 151, 143

# Complementary

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



139, 151, 157



157, 139, 148

# 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.



169, 148, 150



139, 151, 157



158, 150, 164

# Square

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



139, 151, 157



140, 150, 167



166, 148, 157



161, 163, 138

# Rectangle

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



139, 151, 157



134, 146, 161



166, 148, 157



169, 148, 145



# Sweetspot

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



139, 151, 157



198, 202, 204



139, 157, 148



98, 101, 102



230, 230, 230



102, 102, 102



# Same Dimension

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



139, 151, 157



175, 194, 204



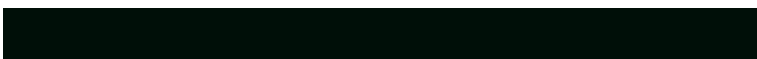
139, 148, 157



71, 76, 79



0, 96, 143



0, 10, 15



# Inverse Universe

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



157, 139, 148



204, 175, 190



157, 139, 139



79, 71, 75



143, 0, 71



15, 0, 8



# Previews

## White Background



This preview shows how the RYB color 139, 151, 157 looks on a white background.

## Color Contrast Check

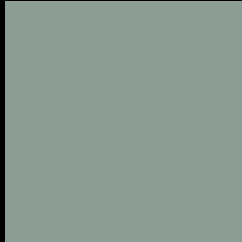
Large Text (above 18pt) WCAG AA × Fail

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 139, 151, 157 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

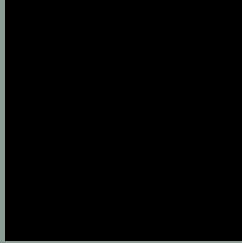
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## **RYB 139, 151, 157 Background**



This preview shows how black text looks on a background with the RYB color 139, 151, 157.



This preview shows how white text looks on a background with the RYB color 139, 151, 157.

# 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

142, 150, 166

# Trichromacy



**Original Color**

139, 151, 157

**Protanomaly**

146, 154, 150

**Deuteranomaly**

157, 152, 149

**Tritanomaly**

141, 149, 159

# Monochromacy



**Original Color**

139, 151, 157

**Achromatopsia**

151, 151, 151

**Achromatomaly**

147, 151, 153

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 139, 151, 157 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(139, 157, 148)` looks like.

```
.text, #text, p{  
    color:rgb(139, 157, 148)  
}
```

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(139, 157, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 157, 148) }
```

## Border

The CSS property to change the border of an element to RYB 139, 151, 157 is called "border". The border property can be set on classes, ids or directly on the HTML element.

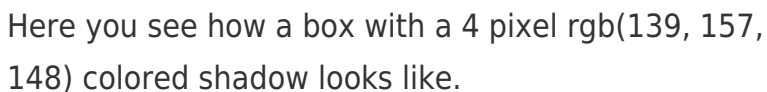
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 157, 148) }
```

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

```
.border{ border-color:rgb(139, 157, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(139, 157, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 157, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 157, 148); box-shadow:4px 4px 4px 4px rgb(139, 157, 148) }
```

# Background

The CSS property to change the background color of an element to RYB 139, 151, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 157, 148) }
```

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

```
.background{ background-color: rgb(139,  
157, 148) }
```

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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