

# Converting Colors

`RYB(139, 139, 151)`

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

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# Color

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

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B8B97
RGB	139, 139, 151
RGB Percent	55%, 55%, 59%
CMY	0.4549, 0.4549, 0.4078
CMYK	0.08, 0.08, 0.00, 0.41
HSL	240°, 5%, 57%
HSV	240°, 8%, 59%
XYZ	25.4660, 26.1886, 32.9909
YIQ	140.3680, -3.8520, 3.7320

# Conversions

## Conversions Part 2

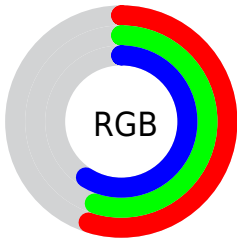
<b>Format</b>	<b>Color</b>
<b>RYB</b>	139, 139, 151
Decimal	9145239
CIELab	58.22, 2.44, -6.37
CIELCh	58, 6.825, 290.972
Yxy	26.1886, 0.3009, 0.3094
Android (android.graphics.Color)	4287335319 (0xFF8B8B97)
YUV	140.3680, 5.2416, -1.1997
Hunter-Lab	51.1748, -0.7293, -2.4002

# Details

The RYB color **139, 139, 151** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **139, 151, 139**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **192, 192, 205**, and **89, 89, 100** is the 20% darker color. If you saturate the color by 10%, you get **124, 124, 151**, and if you desaturate by 10%, it is **151, 154, 151**.

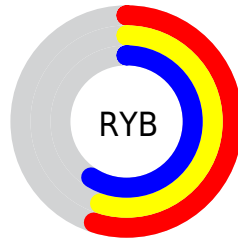
# Distribution



Red (55%)

Green (55%)

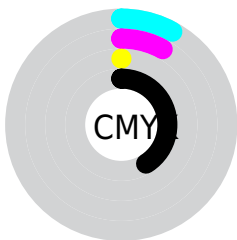
Blue (59%)



Red (55%)

Yellow (55%)

Blue (59%)

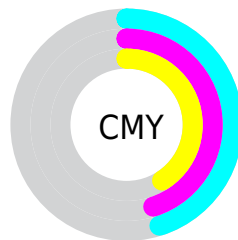


Cyan (8%)

Magenta (8%)

Yellow (0%)

Black (41%)



Cyan (45%)

Magenta (45%)

Yellow (41%)

# Brightness & Saturation Gradients

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




 139, 139, 151


255, 255, 255

 192, 192, 205

 220, 220, 233


 249, 249, 255

 139, 139, 151

 114, 114, 125

 89, 89, 100

 66, 66, 76


 43, 44, 54


 23, 23, 32


 0, 0, 8

 0, 0, 0

 139, 139, 151

 124, 124, 151

 139, 139, 151

 151, 154, 151

■ 109, 109, 151

■ 151, 169, 151

■ 94, 94, 151

■ 151, 184, 151

■ 79, 79, 151

■ 151, 199, 151

■ 63, 63, 151

■ 151, 215, 151

■ 48, 48, 151

■ 151, 230, 151

■ 33, 33, 151

■ 151, 245, 151

■ 18, 18, 151

■ 151, 255, 151

■ 3, 3, 151

# Harmonies

## Analogous

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



132, 138, 152



139, 139, 151



146, 137, 147

# Triad

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



139, 139, 151



152, 139, 131



128, 137, 143

# Complementary

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



139, 139, 151



139, 151, 139

# 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.



132, 142, 141



139, 139, 151



142, 147, 128

# Square

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



139, 139, 151



153, 136, 136



129, 141, 130



125, 134, 144

# Rectangle

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



139, 139, 151



150, 136, 144



129, 141, 130



129, 138, 143



# Sweetspot

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



139, 139, 151



192, 192, 196



139, 145, 151



97, 97, 99



227, 227, 227



99, 99, 99



# Same Dimension

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



139, 139, 151



177, 177, 196



145, 139, 151



69, 69, 77



0, 0, 140



0, 0, 13



# Inverse Universe

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



151, 139, 151



196, 177, 196



139, 151, 145



77, 69, 77



140, 0, 140



13, 0, 13



# Previews

## White Background



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

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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, 139, 151 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

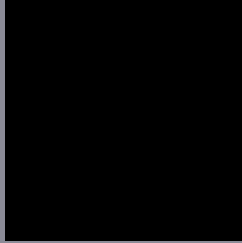
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

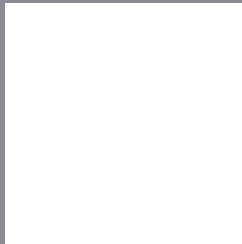
If you want to check with other color combinations, try the [Color Contrast Checker](#).



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



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

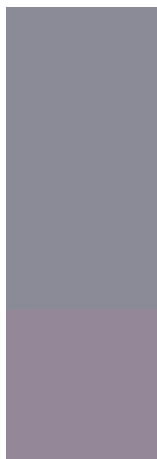


This preview shows how white text looks on a background with the RYB color 139, 139, 151.

# 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


[139](#), [139](#), [151](#)

### Protanopia

[139](#), [139](#), [151](#)

### Deuteranopia

[148](#), [136](#), [152](#)



**Tritanopia**  
139, 139, 150

# Trichromacy



## Original Color

139, 139, 151

## Protanomaly

139, 139, 151

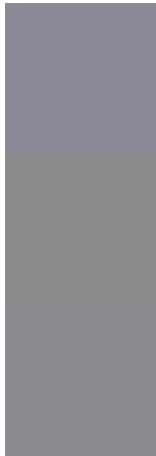
## Deuteranomaly

145, 137, 152

## Tritanomaly

139, 139, 150

# Monochromacy



## Original Color

139, 139, 151

## Achromatopsia

140, 140, 140

## Achromatomaly

140, 140, 144

# CSS Examples

## Text

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

```
.text, #text, p{  
    color:rgb(139, 139, 151)  
}
```

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, 139, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 139, 151) }
```

## Border

The CSS property to change the border of an element to RYB 139, 139, 151 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, 139, 151) }
```

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

```
.border{ border-color:rgb(139, 139, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 139, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 139, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 139, 151);  
box-shadow:4px 4px 4px 4px rgb(139, 139,  
151) }
```

# Background

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

```
.background, #background, body{  
background: rgb(139, 139, 151) }
```

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

```
.background{ background-color: rgb(139,  
139, 151) }
```

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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