

Converting Colors

`RYB(143, 151, 158)`

Have a look what the booklet for RYB(143, 151, 158) contains.

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Color

R_YB(143, 151, 158)

Conversions

Conversions Part 1

Format	Color
Hex	8F9E9C
RGB	143, 158, 156
RGB Percent	56%, 62%, 61%
CMY	0.4392, 0.3804, 0.3877
CMYK	0.09, 0.00, 0.01, 0.38
HSL	173°, 7%, 59%
HSV	173°, 9%, 62%
XYZ	29.5659, 32.6979, 36.2611
YIQ	153.2870, -8.2980, -3.8020

Conversions

Conversions Part 2

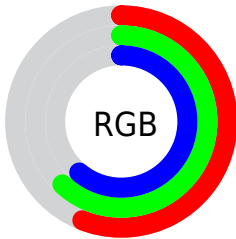
Format	Color
RYB	143, 151, 158
Decimal	9412252
CIELab	63.92, -5.68, -0.84
CIELCh	64, 5.744, 188.454
Yxy	32.6979, 0.3001, 0.3319
Android (android.graphics.Color)	4287602332 (0xFF8F9E9C)
YUV	153.2870, 1.3375, -9.0217
Hunter-Lab	57.1821, -7.7755, 2.4297

Details

The RYB color **143, 151, 158** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **158, 143, 145**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **197, 206, 213**, and **93, 101, 107** is the 20% darker color. If you saturate the color by 10%, you get **127, 144, 158**, and if you desaturate by 10%, it is **159, 158, 158**.

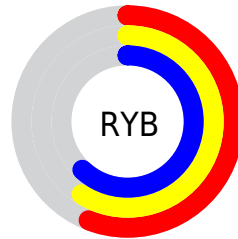
Distribution



Red (56%)

Green (62%)

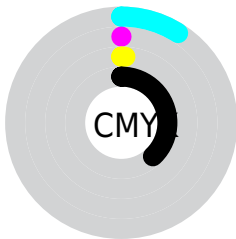
Blue (61%)



Red (56%)

Yellow (59%)

Blue (62%)

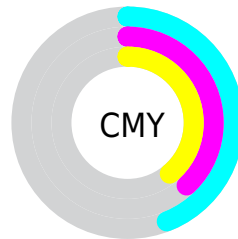


Cyan (9%)

Magenta (0%)

Yellow (1%)

Black (38%)



Cyan (44%)

Magenta (38%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 143, 151, 158 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 143, 151, 158 by changing the saturation by 10% instead.

■ 143, 151, 158

255, 255, 255

■ 197, 206, 213

■ 225, 234, 241

253, 254, 255

■ 143, 151, 158

■ 127, 144, 158

■ 143, 151, 158

■ 117, 125, 132

■ 93, 101, 107

■ 69, 77, 83

■ 47, 53, 59

■ 25, 32, 38

■ 0, 9, 17

■ 0, 0, 0

■ 143, 151, 158

■ 159, 158, 158

■ 111, 136, 158

■ 175, 158, 160

■ 96, 129, 158

■ 190, 158, 162

■ 80, 122, 158

■ 206, 158, 164

■ 64, 114, 158

■ 222, 158, 166

■ 48, 107, 158

■ 238, 158, 168

■ 32, 99, 158

■ 254, 158, 170

■ 17, 92, 158

■ 255, 158, 172

■ 1, 85, 158

■ 255, 158, 174

Harmonies

Analogous

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



146, 154, 158



143, 151, 158



143, 151, 161

Triad

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



143, 151, 158



158, 153, 163



163, 159, 145

Complementary

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



143, 151, 158



158, 143, 145

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.



166, 153, 149



143, 151, 158



163, 152, 159

Square

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



143, 151, 158



151, 154, 165



166, 151, 154



149, 158, 145

Rectangle

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



143, 151, 158



145, 152, 163



166, 151, 154



164, 157, 146

Sweetspot

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



143, 151, 158



200, 204, 207



143, 158, 156



100, 103, 105



232, 232, 232



105, 105, 105

Same Dimension

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



143, 151, 158



184, 196, 207



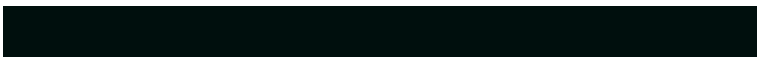
143, 149, 158



71, 75, 79



0, 76, 143



0, 8, 15

Inverse Universe

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



158, 143, 145



207, 184, 187



158, 153, 143



79, 71, 72



143, 0, 18



15, 0, 2

Previews

White Background



This preview shows how the RYB color 143, 151, 158 looks on a white background.

Color Contrast Check

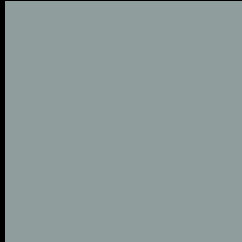
Large Text (above 18pt) WCAG AA × Fail

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 143, 151, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

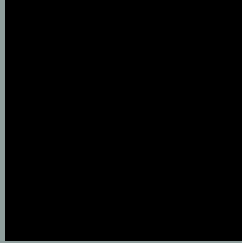
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

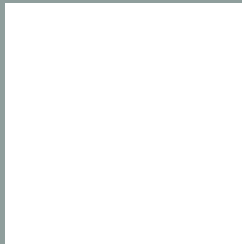
Any Text WCAG AAA ✓ Pass

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

RYB 143, 151, 158 Background



This preview shows how black text looks on a background with the RYB color 143, 151, 158.



This preview shows how white text looks on a background with the RYB color 143, 151, 158.

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](#).

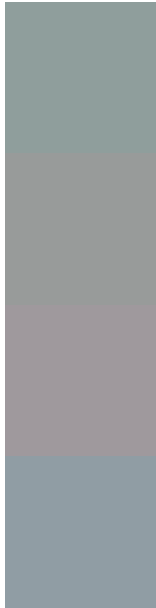
Dichromacy





Tritanopia
145, 152, 168

Trichromacy



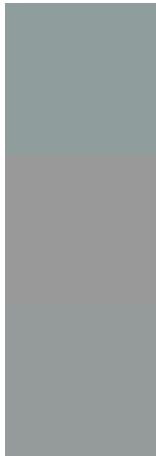
Original Color
143, 151, 158

Protanomaly
152, 154, 155

Deuteranomaly
159, 153, 157

Tritanomaly
144, 152, 164

Monochromacy



Original Color
143, 151, 158

Achromatopsia
153, 153, 153

Achromatomaly
149, 152, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 143, 151, 158 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(143, 158, 156)` looks like.

```
.text, #text, p{  
    color:rgb(143, 158, 156)  
}
```

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(143, 158, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 158, 156) }
```

Border

The CSS property to change the border of an element to RYB 143, 151, 158 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(143, 158, 156) }
```

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

```
.border{ border-color:rgb(143, 158, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 158, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 158, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 158, 156);  
box-shadow:4px 4px 4px 4px rgb(143, 158,  
156) }
```

Background

The CSS property to change the background color of an element to RYB 143, 151, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 158, 156) }
```

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

```
.background{ background-color: rgb(143,  
158, 156) }
```

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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