

Converting Colors

`RYB(143, 158, 163)`

Have a look what the booklet for
RYB(143, 158, 163) contains.

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Color

RYB(143, 158, 163)

Conversions

Conversions Part 1

Format	Color
Hex	8FA396
RGB	143, 163, 150
RGB Percent	56%, 64%, 59%
CMY	0.4392, 0.3608, 0.4131
CMYK	0.12, 0.00, 0.08, 0.36
HSL	140°, 10%, 60%
HSV	140°, 12%, 64%
XYZ	29.9031, 34.2253, 33.7437
YIQ	155.5380, -7.7470, -8.2830

Conversions

Conversions Part 2

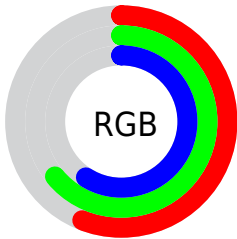
Format	Color
RYB	143, 158, 163
Decimal	9413526
CIELab	65.14, -9.68, 4.55
CIELCh	65, 10.698, 154.807
Yxy	34.2253, 0.3055, 0.3497
Android (android.graphics.Color)	4287603606 (0xFF8FA396)
YUV	155.5380, -2.7302, -10.9958
Hunter-Lab	58.5024, -11.1402, 6.7537

Details

The RYB color **143, 158, 163** is a light color, and the websafe version is hex **999999**. A complement of this color would be **163, 143, 156**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **197, 213, 218**, and **93, 107, 111** is the 20% darker color. If you saturate the color by 10%, you get **127, 154, 163**, and if you desaturate by 10%, it is **159, 162, 163**.

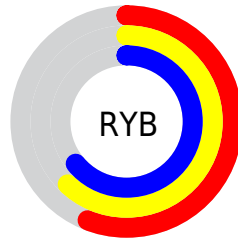
Distribution



Red (56%)

Green (64%)

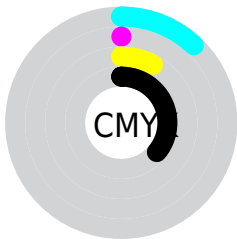
Blue (59%)



Red (56%)

Yellow (62%)

Blue (64%)

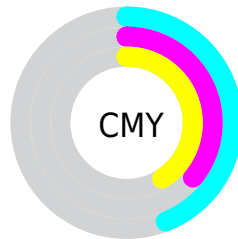


Cyan (12%)

Magenta (0%)

Yellow (8%)

Black (36%)



Cyan (44%)

Magenta (36%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 143, 158, 163 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, 158, 163 by changing the saturation by 10% instead.

 143, 158, 163


255, 255, 255


 197, 213, 218

 225, 241, 246

254, 255, 255

 143, 158, 163


 117, 132, 137

 93, 107, 111

 69, 83, 87


 46, 59, 64

 25, 38, 42

 0, 17, 22


 0, 0, 0

 143, 158, 163


 127, 154, 163


 143, 158, 163


 159, 162, 163

 110, 150, 163


 176, 163, 171

 94, 146, 163


 192, 163, 182


 78, 142, 163


 208, 163, 193

 62, 138, 163


 225, 163, 204

 45, 134, 163

 241, 163, 215

 29, 129, 163

 255, 163, 226

 13, 126, 163

 255, 163, 237

 0, 122, 163

 255, 163, 247

Harmonies

Analogous

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



142, 161, 149



143, 158, 163



136, 151, 164

Triad

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



143, 158, 163



150, 156, 177



178, 153, 148

Complementary

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



143, 158, 163



163, 143, 156

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.



178, 152, 157



143, 158, 163



162, 155, 174

Square

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



143, 158, 163



140, 153, 175



172, 153, 166



173, 166, 141

Rectangle

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



143, 158, 163



134, 149, 166



172, 153, 166



179, 152, 150

Sweetspot

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



143, 158, 163



203, 210, 212



143, 163, 149



102, 106, 107



235, 235, 235



107, 107, 107

Same Dimension

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



143, 158, 163



180, 204, 212



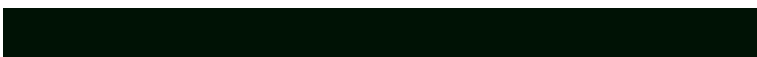
143, 154, 163



73, 80, 82



0, 109, 145



0, 14, 18

Inverse Universe

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



163, 143, 156



212, 180, 201



163, 143, 147



82, 73, 79



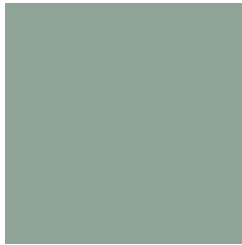
145, 0, 97



18, 0, 12

Previews

White Background



This preview shows how the RYB color 143, 158, 163 looks on a white background.

Color Contrast Check

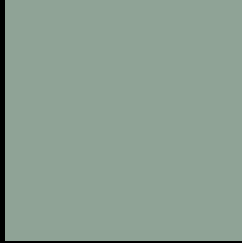
Large Text (above 18pt) WCAG AA × Fail

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, 158, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

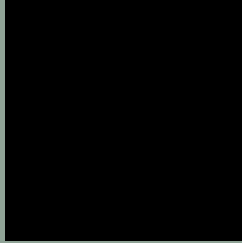
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

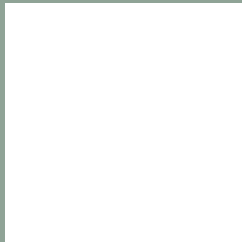
Any Text WCAG AAA ✓ Pass

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

RYB 143, 158, 163 Background



This preview shows how black text looks on a background with the RYB color 143, 158, 163.



This preview shows how white text looks on a background with the RYB color 143, 158, 163.

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
143, 158, 163

Protanopia
157, 163, 147

Deuteranopia
175, 153, 152



Tritanopia
147, 156, 172

Trichromacy



Original Color

143, 158, 163

Protanomaly

148, 159, 151

Deuteranomaly

163, 163, 151

Tritanomaly

146, 154, 164

Monochromacy



Original Color

143, 158, 163

Achromatopsia

156, 156, 156

Achromatomaly

151, 157, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 143, 158, 163 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, 163, 150)` looks like.

```
.text, #text, p{  
    color:rgb(143, 163, 150)  
}
```

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, 163, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 163, 150) }
```

Border

The CSS property to change the border of an element to RYB 143, 158, 163 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, 163, 150) }
```

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

```
.border{ border-color:rgb(143, 163, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 163, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 163, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 163, 150);  
box-shadow:4px 4px 4px 4px rgb(143, 163,  
150) }
```

Background

The CSS property to change the background color of an element to RYB 143, 158, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 163, 150) }
```

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

```
.background{ background-color: rgb(143,  
163, 150) }
```

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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