

Converting Colors

`RYB(140, 153, 159)`

Have a look what the booklet for
RYB(140, 153, 159) contains.

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Color

R_YB(140, 153, 159)

Conversions

Conversions Part 1

Format	Color
Hex	8C9F95
RGB	140, 159, 149
RGB Percent	55%, 62%, 58%
CMY	0.4510, 0.3765, 0.4166
CMYK	0.12, 0.00, 0.06, 0.38
HSL	148°, 9%, 59%
HSV	148°, 12%, 62%
XYZ	28.6198, 32.5343, 33.1086
YIQ	152.1790, -8.1140, -7.1380

Conversions

Conversions Part 2

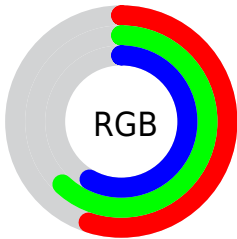
Format	Color
RYB	140, 153, 159
Decimal	9215893
CIELab	63.78, -8.76, 3.07
CIELCh	64, 9.280, 160.712
Yxy	32.5343, 0.3036, 0.3451
Android (android.graphics.Color)	4287405973 (0xFF8C9F95)
YUV	152.1790, -1.5672, -10.6810
Hunter-Lab	57.0388, -10.2539, 5.5119

Details

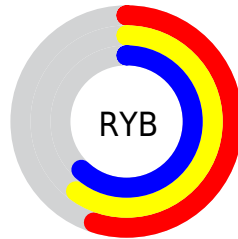
The RYB color **140, 153, 159** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **159, 140, 150**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **194, 208, 214**, and **90, 102, 108** is the 20% darker color. If you saturate the color by 10%, you get **124, 148, 159**, and if you desaturate by 10%, it is **156, 158, 159**.

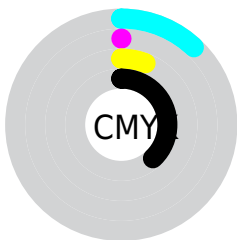
Distribution



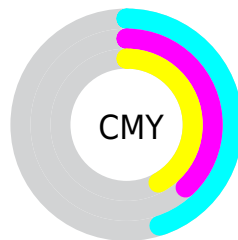
- Red (55%)
- Green (62%)
- Blue (58%)



- Red (55%)
- Yellow (60%)
- Blue (62%)



- Cyan (12%)
- Magenta (0%)
- Yellow (6%)
- Black (38%)




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

Brightness & Saturation Gradients

These gradients show how the RYB color 140, 153, 159 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 140, 153, 159 by changing the saturation by 10% instead.


 140, 153, 159


255, 255, 255


 194, 208, 214


 222, 236, 242

 250, 253, 255

 140, 153, 159


 114, 127, 133

 90, 102, 108

 66, 78, 83


 44, 55, 60


 23, 33, 38


 0, 14, 18

 0, 0, 0

 140, 153, 159


 124, 148, 159

 140, 153, 159


 156, 158, 159


 108, 143, 159


 172, 159, 166


 92, 138, 159


 188, 159, 174


 76, 132, 159


 204, 159, 183


 61, 128, 159


 220, 159, 192

 45, 123, 159

 235, 159, 200

 29, 118, 159

 251, 159, 209

 13, 113, 159

 255, 159, 217

 0, 109, 159

 255, 159, 226

Harmonies

Analogous

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



142, 157, 150



140, 153, 159



135, 148, 160

Triad

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



140, 153, 159



150, 153, 171



172, 152, 144

Complementary

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



140, 153, 159



159, 140, 150

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.



172, 149, 152



140, 153, 159



160, 151, 167

Square

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



140, 153, 159



140, 151, 170



168, 150, 160



167, 163, 139

Rectangle

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



140, 153, 159



134, 147, 163



168, 150, 160



172, 149, 146

Sweetspot

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



140, 153, 159



198, 204, 207



140, 159, 149



99, 103, 105



232, 232, 232



105, 105, 105

Same Dimension

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



140, 153, 159



178, 198, 207



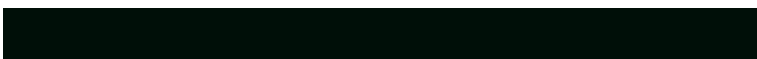
140, 150, 159



71, 76, 79



0, 98, 143



0, 10, 15

Inverse Universe

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



159, 140, 150



207, 178, 193



159, 140, 141



79, 71, 75



143, 0, 77



15, 0, 8

Previews

White Background



This preview shows how the RYB color 140, 153, 159 looks on a white background.

Color Contrast Check

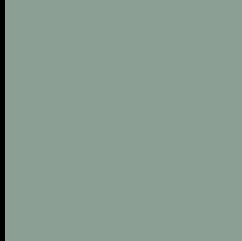
Large Text (above 18pt) WCAG AA × Fail

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 140, 153, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

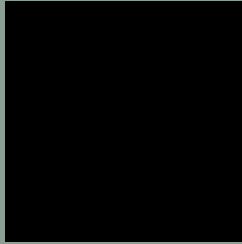
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

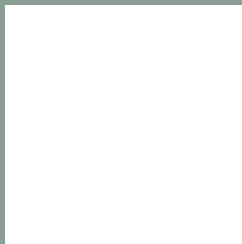
Any Text WCAG AAA ✓ Pass

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

RYP 140, 153, 159 Background



This preview shows how black text looks on a background with the RYB color 140, 153, 159.



This preview shows how white text looks on a background with the RYB color 140, 153, 159.

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](#).

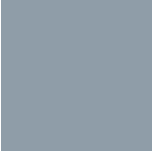
Dichromacy



Original Color
140, 153, 159

Protanopia
154, 159, 146

Deuteranopia
170, 149, 151



Tritanopia
143, 152, 168

Trichromacy



Original Color

140, 153, 159

Protanomaly

147, 156, 151

Deuteranomaly

159, 155, 150

Tritanomaly

142, 150, 161

Monochromacy



Original Color

140, 153, 159

Achromatopsia

152, 152, 152

Achromatomaly

148, 153, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 153, 159 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(140, 159, 149)` looks like.

```
.text, #text, p{  
    color:rgb(140, 159, 149)  
}
```

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(140, 159, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 159, 149) }
```

Border

The CSS property to change the border of an element to RYB 140, 153, 159 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(140, 159, 149) }
```

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

```
.border{ border-color:rgb(140, 159, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 159, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 159, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 159, 149);  
box-shadow:4px 4px 4px 4px rgb(140, 159,  
149) }
```

Background

The CSS property to change the background color of an element to RYB 140, 153, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 159, 149) }
```

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

```
.background{ background-color: rgb(140,  
159, 149) }
```

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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