

Converting Colors

`RYB(148, 157, 160)`

Have a look what the booklet for
RYB(148, 157, 160) contains.

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Color

R_YB(148, 157, 160)

Conversions

Conversions Part 1

Format	Color
Hex	94A098
RGB	148, 160, 152
RGB Percent	58%, 63%, 60%
CMY	0.4196, 0.3725, 0.4039
CMYK	0.07, 0.00, 0.05, 0.37
HSL	140°, 6%, 60%
HSV	140°, 7%, 63%
XYZ	30.4510, 33.7045, 34.6064
YIQ	155.5000, -4.5840, -5.0320

Conversions

Conversions Part 2

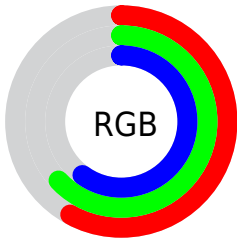
Format	Color
RYB	148, 157, 160
Decimal	9740440
CIELab	64.73, -5.83, 2.70
CIElCh	65, 6.426, 155.186
Yxy	33.7045, 0.3083, 0.3413
Android (android.graphics.Color)	4287930520 (0xFF94A098)
YUV	155.5000, -1.7255, -6.5775
Hunter-Lab	58.0556, -7.9713, 5.2966

Details

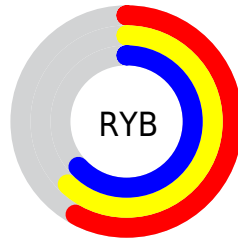
The RYB color **148, 157, 160** is a light color, and the websafe version is hex **999999**. A complement of this color would be **160, 148, 156**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **202, 212, 215**, and **97, 106, 109** is the 20% darker color. If you saturate the color by 10%, you get **132, 153, 160**, and if you desaturate by 10%, it is **164, 160, 163**.

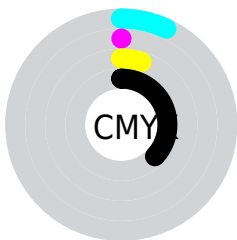
Distribution



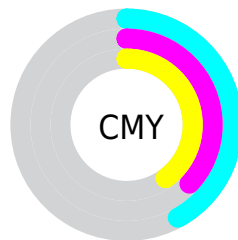
- Red (58%)
- Green (63%)
- Blue (60%)



- Red (58%)
- Yellow (62%)
- Blue (63%)



- Cyan (7%)
- Magenta (0%)
- Yellow (5%)
- Black (37%)



- Cyan (42%)
- Magenta (37%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 157, 160 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 148, 157, 160 by changing the saturation by 10% instead.

■ 148, 157, 160

255, 255, 255

■ 202, 212, 215

■ 230, 240, 243

■ 148, 157, 160

■ 122, 131, 134

■ 97, 106, 109

■ 74, 82, 84

■ 51, 59, 61

■ 30, 37, 39

■ 5, 15, 19

■ 0, 0, 0


■ 148, 157, 160


■ 132, 153, 160

■ 148, 157, 160


■ 164, 160, 163

 116, 149, 160


 180, 160, 173

 100, 145, 160


 196, 160, 184

 84, 141, 160


 212, 160, 195

 68, 137, 160

 228, 160, 205

 52, 133, 160

 244, 160, 216

 36, 129, 160

 255, 160, 227

 20, 125, 160

 255, 160, 237

 4, 121, 160

 255, 160, 248

Harmonies

Analogous

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



148, 159, 153



148, 157, 160



144, 153, 161

Triad

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



148, 157, 160



152, 156, 168



169, 155, 151

Complementary

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



148, 157, 160



160, 148, 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.



169, 153, 156



148, 157, 160



159, 155, 166

Square

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



148, 157, 160



146, 154, 167



166, 154, 162



166, 161, 147

Rectangle

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



148, 157, 160



143, 152, 162



166, 154, 162



170, 153, 152

Sweetspot

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



148, 157, 160



205, 208, 209



148, 160, 152



102, 104, 105



232, 232, 232



105, 105, 105

Same Dimension

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



148, 157, 160



190, 204, 209



148, 155, 160



71, 77, 79



0, 107, 143



0, 11, 15

Inverse Universe

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



160, 148, 156



209, 190, 203



160, 148, 150



79, 71, 76



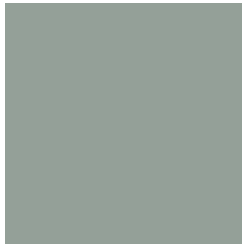
143, 0, 95



15, 0, 10

Previews

White Background



This preview shows how the RYB color 148, 157, 160 looks on a white background.

Color Contrast Check

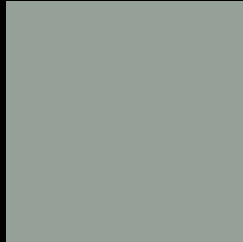
Large Text (above 18pt) WCAG AA × Fail

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 148, 157, 160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

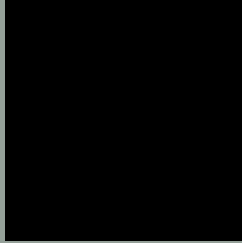
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

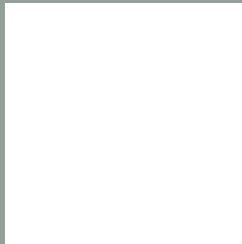
Any Text WCAG AAA ✓ Pass

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

RYB 148, 157, 160 Background



This preview shows how black text looks on a background with the RYB color 148, 157, 160.



This preview shows how white text looks on a background with the RYB color 148, 157, 160.

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
148, 157, 160

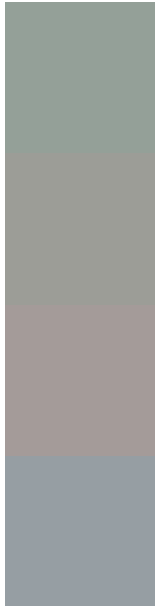
Protanopia
159, 161, 150

Deuteranopia
173, 152, 154



Tritanopia
151, 156, 170

Trichromacy



Original Color

148, 157, 160

Protanomaly

151, 157, 152

Deuteranomaly

164, 155, 153

Tritanomaly

150, 155, 163

Monochromacy



Original Color

148, 157, 160

Achromatopsia

156, 156, 156

Achromatomaly

153, 156, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 157, 160 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(148, 160, 152)` looks like.

```
.text, #text, p{  
    color:rgb(148, 160, 152)  
}
```

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(148, 160, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 160, 152) }
```

Border

The CSS property to change the border of an element to RYB 148, 157, 160 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(148, 160, 152) }
```

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

```
.border{ border-color:rgb(148, 160, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 160, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 160, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 160, 152);  
box-shadow:4px 4px 4px 4px rgb(148, 160,  
152) }
```

Background

The CSS property to change the background color of an element to RYB 148, 157, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 160, 152) }
```

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

```
.background{ background-color: rgb(148,  
160, 152) }
```

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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