Converting Colors

RYB(154, 168, 171)

Have a look what the booklet for RYB(154, 168, 171) contains.

Color

RYB(154, 168, 171)

Conversions

Format	Color
	Conversions Part 1
Hex	9AAB9E
RGB	154, 171, 158
RGB Percent	60%, 67%, 62%
CMY	0.3961, 0.3294, 0.3818
CMYK	0.10, 0.00, 0.08, 0.33
HSL	133°, 9%, 64%
HSV	133°, 10%, 67%
XYZ	34.0302, 38.4522, 37.8152
YIQ	164.4350, -5.9590, -7.6470

Conversions

Conversions Part 2

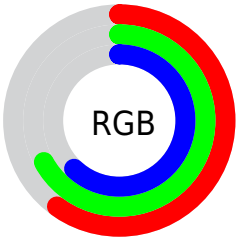
Format	Color
RYB	154, 168, 171
Decimal	10136478
CIELab	68.35, -8.55, 4.85
CIELCh	68, 9.829, 150.415
Yxy	38.4522, 0.3085, 0.3486
Android (android.graphics.Color)	4288326558 (0xFF9AAB9E)
YUV	164.4350, -3.1725, -9.1515
Hunter-Lab	62.0098, -10.5587, 7.2503

Details

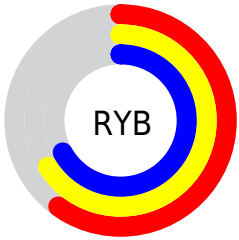
The RYB color 154, 168, 171 is a light color, and the websafe version is hex 999999. A complement of this color would be 171, 154, 167, and the grayscale version is 164, 164, 164.

A 20% lighter version of the original color is 208, 222, 226, and 103, 116, 119 is the 20% darker color. If you saturate the color by 10%, you get 137, 165, 171, and if you desaturate by 10%, it is 171, 171, 171.

Distribution

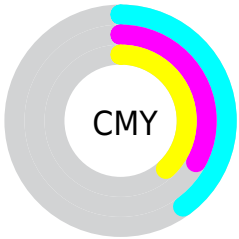


- Red (60%)
- Green (67%)
- Blue (62%)



- Red (60%)
- Yellow (66%)
- Blue (67%)

- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (33%)



- Cyan (40%)
- Magenta (33%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 168, 171 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 154, 168, 171 by changing the saturation by 10% instead.

154, 168, 171

255, 255, 255

208, 223, 226

237, 252, 255

154, 168, 171

128, 141, 144

103, 116, 119

79, 92, 94

56, 68, 70

34, 45, 48

13, 24, 27

0, 0, 0

154, 168, 171

137, 165, 171

154, 168, 171

171, 171, 171

120, 162, 171

103, 159, 171

86, 156, 171

69, 154, 171

51, 150, 171

34, 146, 171

17, 144, 171

0, 141, 171

188, 171, 185

205, 171, 198

222, 171, 211

239, 171, 225

255, 171, 238

255, 171, 252

255, 171, 255

Harmonies

Analogous

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

151, 169, 156

154, 168, 171

147, 161, 172

Triad

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

154, 168, 171

158, 165, 184

186, 161, 158

Complementary

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

154, 168, 171

171, 154, 167

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.

185, 161, 167

154, 168, 171

169, 164, 182

Square

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

154, 168, 171

149, 162, 182

179, 162, 176

182, 169, 152

Rectangle

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

154, 168, 171

145, 159, 172

179, 162, 176

186, 161, 161

Sweetspot

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

154, 168, 171

215, 220, 222

154, 171, 157

108, 111, 112

240, 240, 240

112, 112, 112

Same Dimension

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

154, 168, 171

195, 217, 222

154, 164, 171

78, 85, 87

0, 124, 150

0, 19, 23

Inverse Universe

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

171, 154, 167

222, 195, 216

171, 154, 159

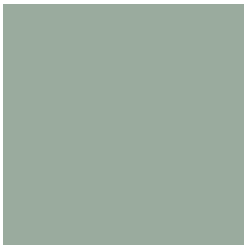
87, 78, 85

150, 0, 118

23, 0, 18

Previews

White Background

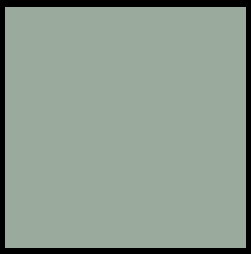


This preview shows how the RYB color 154, 168, 171 looks on a white background.

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



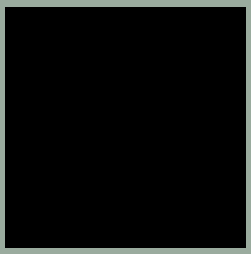
This preview shows how the RYB color 154, 168, 171 looks on a black background.

Color Contrast Check

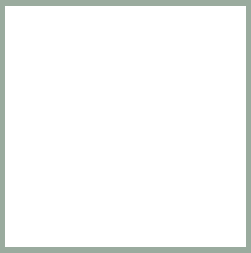
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RYB 154, 168, 171 Background



This preview shows how black text looks on a background with the RYB color 154, 168, 171.



This preview shows how white text looks on a background with the RYB color 154, 168, 171.

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

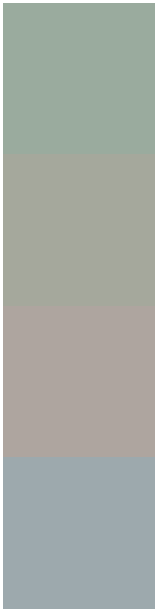
Original Color
154, 168, 171

Protanopia
164, 172, 155

Deuteranopia
185, 161, 160

Tritanopia
158, 165, 181

Trichromacy



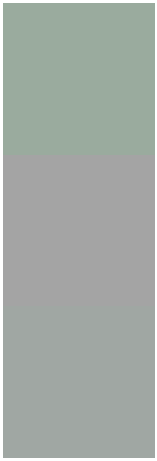
Original Color
154, 168, 171

Protanomaly
156, 168, 159

Deuteranomaly
174, 169, 159

Tritanomaly
157, 164, 173

Monochromacy



Original Color
154, 168, 171

Achromatopsia
164, 164, 164

Achromatomaly
160, 165, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 168, 171 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(154, 171, 158) looks like.

```
.text, #text, p{
    color:rgb(154, 171, 158)
}
```

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(154, 171, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 171, 158) }
```

Border

The CSS property to change the border of an element to RYB 154, 168, 171 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(154, 171, 158) }
```

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

```
.border{ border-color:rgb(154, 171, 158) }
```

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

Here you see how a box with a 4 pixel rgb(154, 171, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 171, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 171, 158); box-shadow:4px 4px 4px 4px rgb(154, 171, 158) }
```

Background

The CSS property to change the background color of an element to RYB 154, 168, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(154, 171, 158) }
```

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

```
.background{ background-color:rgb(154,
171, 158) }
```

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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