Converting Colors

RYB(159, 172, 173)

Have a look what the booklet for RYB(159, 172, 173) contains.

Color

RYB(159, 172, 173)

Conversions

Format	Color
	Conversions Part 1
Hex	9FADA0
RGB	159, 173, 160
RGB Percent	62%, 68%, 63%
CMY	0.3765, 0.3216, 0.3722
CMYK	0.08, 0.00, 0.07, 0.32
HSL	125°, 8%, 65%
HSV	125°, 8%, 68%
XYZ	35.5935, 39.7988, 39.0990
YIQ	167.3320, -4.1710, -7.0110

Conversions

Conversions Part 2

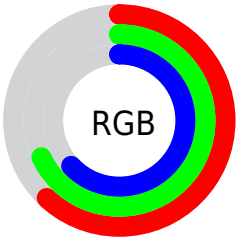
Format	Color
RYB	159, 172, 173
Decimal	10464672
CIELab	69.33, -7.39, 4.96
CIELCh	69, 8.897, 146.135
Yxy	39.7988, 0.3109, 0.3476
Android (android.graphics.Color)	4288654752 (0xFF9FADA0)
YUV	167.3320, -3.6147, -7.3072
Hunter-Lab	63.0863, -9.6907, 7.4143

Details

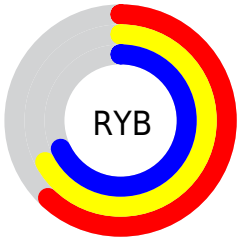
The RYB color 159, 172, 173 is a light color, and the websafe version is hex 999999. A complement of this color would be 173, 159, 172, and the grayscale version is 167, 167, 167.

A 20% lighter version of the original color is 214, 227, 228, and 108, 120, 121 is the 20% darker color. If you saturate the color by 10%, you get 142, 171, 173, and if you desaturate by 10%, it is 176, 173, 176.

Distribution

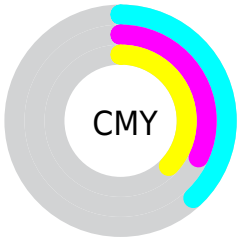


- Red (62%)
- Green (68%)
- Blue (63%)



- Red (62%)
- Yellow (67%)
- Blue (68%)

- Cyan (8%)
- Magenta (0%)
- Yellow (7%)
- Black (32%)



- Cyan (38%)
- Magenta (32%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 159, 172, 173 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 159, 172, 173 by changing the saturation by 10% instead.

159, 172, 173

255, 255, 255

214, 227, 228

242, 254, 255

159, 172, 173

133, 145, 146

108, 120, 121

83, 95, 96

60, 71, 72

38, 49, 50

18, 28, 29

0, 0, 0

159, 172, 173

142, 171, 173

159, 172, 173

176, 173, 176

124, 169, 173

107, 168, 173

90, 167, 173

73, 166, 173

55, 165, 173

38, 164, 173

21, 163, 173

3, 161, 173

194, 173, 192

211, 173, 208

228, 173, 224

246, 173, 240

255, 173, 255

Harmonies

Analogous

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

155, 171, 158

159, 172, 173

152, 165, 174

Triad

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

159, 172, 173

160, 167, 185

187, 164, 162

Complementary

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

159, 172, 173

173, 159, 172

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, 164, 171

159, 172, 173

170, 168, 184

Square

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

159, 172, 173

152, 164, 182

179, 165, 178

184, 172, 156

Rectangle

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

159, 172, 173

150, 162, 174

179, 165, 178

187, 164, 165

Sweetspot

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

159, 172, 173

220, 224, 224

159, 173, 160

110, 112, 112

240, 240, 240

112, 112, 112

Same Dimension

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

159, 172, 173

202, 222, 224

159, 168, 173

78, 86, 87

0, 139, 150

0, 21, 23

Inverse Universe

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

173, 159, 172

224, 202, 223

173, 159, 165

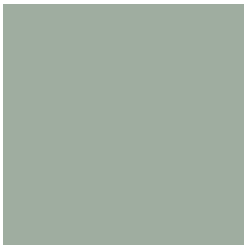
87, 78, 86

150, 0, 139

23, 0, 21

Previews

White Background

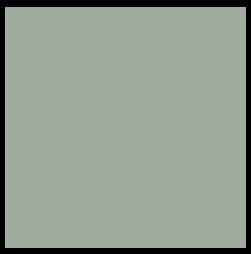


This preview shows how the RYB color 159, 172, 173 looks on a white background.

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



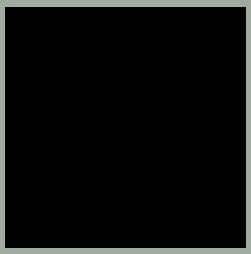
This preview shows how the RYB color 159, 172, 173 looks on a black background.

Color Contrast Check

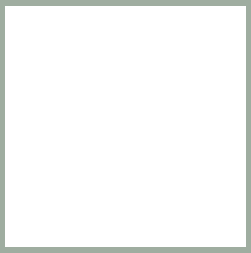
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RYB 159, 172, 173 Background



This preview shows how black text looks on a background with the RYB color 159, 172, 173.



This preview shows how white text looks on a background with the RYB color 159, 172, 173.

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

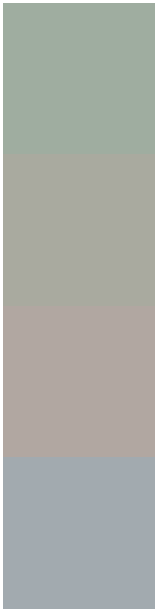
Original Color
159, 172, 173

Protanopia
170, 175, 158

Deuteranopia
188, 163, 162

Tritanopia
163, 168, 183

Trichromacy



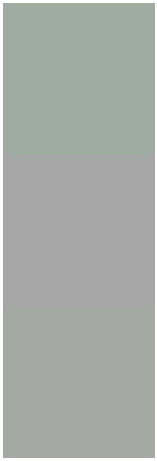
Original Color
159, 172, 173

Protanomaly
159, 170, 160

Deuteranomaly
177, 171, 161

Tritanomaly
162, 167, 175

Monochromacy



Original Color
159, 172, 173

Achromatopsia
167, 167, 167

Achromatomaly
164, 169, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 159, 172, 173 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(159, 173, 160) looks like.

```
.text, #text, p{
    color:rgb(159, 173, 160)
}
```

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(159, 173, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 173, 160) }
```

Border

The CSS property to change the border of an element to RYB 159, 172, 173 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(159, 173, 160) }
```

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

```
.border{ border-color:rgb(159, 173, 160) }
```

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

Here you see how a box with a 4 pixel rgb(159, 173, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 173, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 173, 160); box-shadow:4px 4px 4px 4px rgb(159, 173, 160) }
```

Background

The CSS property to change the background color of an element to RYB 159, 172, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(159, 173, 160) }
```

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

```
.background{ background-color:rgb(159,
173, 160) }
```

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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