Converting Colors

RYB(147, 163, 169)

Have a look what the booklet for RYB(147, 163, 169) contains.

Color

RYB(147, 163, 169)

Conversions

Format	Color
Hex	93A99B
RGB	147, 169, 155
RGB Percent	58%, 66%, 61%
CMY	0.4235, 0.3373, 0.3912
CMYK	0.13, 0.00, 0.08, 0.34
HSL	142°, 11%, 62%
HSV	142°, 13%, 66%
XYZ	32.1580, 36.9539, 36.5585
YIQ	160.8260, -8.6180, -9.0180

Conversions Part 1

Conversions

Conversions Part 2

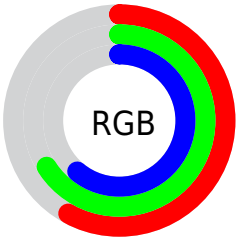
Format	Color
RYB	147, 163, 169
Decimal	9677211
CIELab	67.24, -10.40, 4.51
CIELCh	67, 11.334, 156.532
Yxy	36.9539, 0.3043, 0.3497
Android (android.graphics.Color)	4287867291 (0xFF93A99B)
YUV	160.8260, -2.8722, -12.1254
Hunter-Lab	60.7898, -11.9549, 6.8963

Details

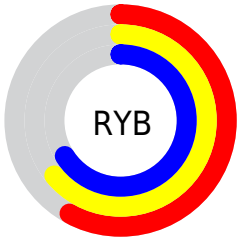
The RYB color 147, 163, 169 is a light color, and the websafe version is hex 999999. A complement of this color would be 169, 147, 161, and the grayscale version is 161, 161, 161.

A 20% lighter version of the original color is 201, 218, 224, and 96, 111, 117 is the 20% darker color. If you saturate the color by 10%, you get 130, 158, 169, and if you desaturate by 10%, it is 164, 168, 169.

Distribution

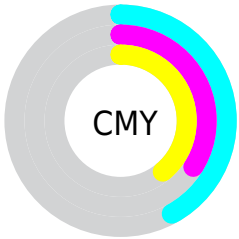


- Red (58%)
- Green (66%)
- Blue (61%)



- Red (58%)
- Yellow (64%)
- Blue (66%)

- Cyan (13%)
- Magenta (0%)
- Yellow (8%)
- Black (34%)



- Cyan (42%)
- Magenta (34%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 147, 163, 169 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 147, 163, 169 by changing the saturation by 10% instead.

147, 163, 169

255, 255, 255

201, 218, 224

229, 246, 253

147, 163, 169

121, 137, 143

96, 111, 117

72, 86, 92

50, 64, 69

28, 40, 46

5, 20, 26

0, 0, 0

147, 163, 169

130, 158, 169

147, 163, 169

164, 168, 169

113, 154, 169	181, 169, 176
96, 149, 169	198, 169, 187
79, 144, 169	215, 169, 197
62, 140, 169	231, 169, 208
46, 136, 169	248, 169, 219
29, 131, 169	255, 169, 229
12, 126, 169	255, 169, 240
0, 123, 169	255, 169, 250

Harmonies

Analogous

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

147, 167, 156

147, 163, 169

140, 156, 170

Triad

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

147, 163, 169

156, 162, 184

185, 159, 152

Complementary

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

147, 163, 169

169, 147, 161

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, 157, 162

147, 163, 169

169, 160, 180

Square

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

147, 163, 169

144, 158, 182

179, 158, 172

179, 172, 145

Rectangle

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

147, 163, 169

138, 154, 172

179, 158, 172

186, 157, 155

Sweetspot

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

147, 163, 169

211, 217, 219

147, 169, 155

104, 109, 110

237, 237, 237

110, 110, 110

Same Dimension

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

147, 163, 169

184, 210, 219

147, 159, 169

76, 82, 84

0, 108, 148

0, 14, 20

Inverse Universe

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

169, 147, 161

219, 184, 206

169, 147, 150

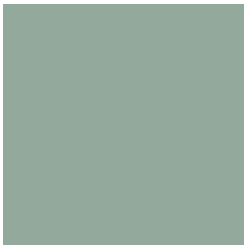
84, 76, 81

148, 0, 92

20, 0, 13

Previews

White Background

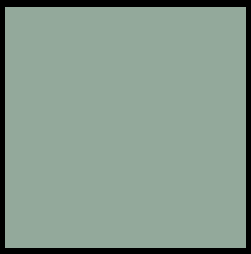


This preview shows how the RYB color 147, 163, 169 looks on a white background.

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



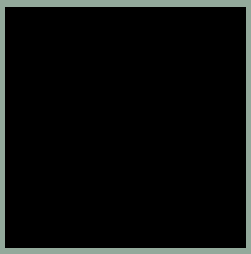
This preview shows how the RYB color 147, 163, 169 looks on a black background.

Color Contrast Check

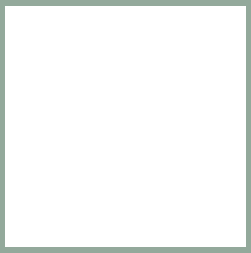
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RYB 147, 163, 169 Background



This preview shows how black text looks on a background with the RYB color 147, 163, 169.



This preview shows how white text looks on a background with the RYB color 147, 163, 169.

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

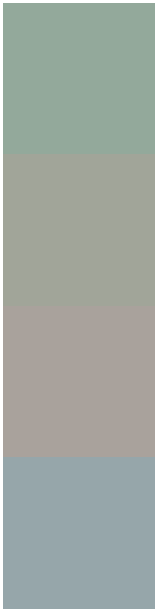
Original Color
147, 163, 169

Protanopia
161, 169, 152

Deuteranopia
181, 158, 157

Tritanopia
151, 161, 179

Trichromacy



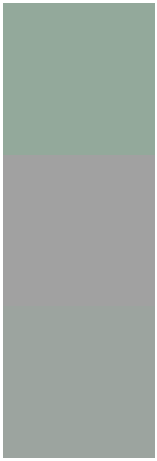
Original Color
147, 163, 169

Protanomaly
153, 165, 157

Deuteranomaly
169, 167, 156

Tritanomaly
150, 159, 170

Monochromacy



Original Color
147, 163, 169

Achromatopsia
161, 161, 161

Achromatomaly
156, 162, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 147, 163, 169 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(147, 169, 155) looks like.

```
.text, #text, p{
    color:rgb(147, 169, 155)
}
```

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(147, 169, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 169, 155) }
```

Border

The CSS property to change the border of an element to RYB 147, 163, 169 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(147, 169, 155) }
```

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

```
.border{ border-color:rgb(147, 169, 155) }
```

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

Here you see how a box with a 4 pixel rgb(147, 169, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 169, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 169, 155); box-shadow:4px 4px 4px 4px rgb(147, 169, 155) }
```

Background

The CSS property to change the background color of an element to RYB 147, 163, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(147, 169, 155) }
```

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

```
.background{ background-color:rgb(147,
169, 155) }
```

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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