Converting Colors

RYB(168, 156, 159)

Have a look what the booklet for RYB(168, 156, 159) contains.

Color

RYB(168, 156, 159)

Conversions

Format	Color
Hex	A89C9F
RGB	168, 156, 159
RGB Percent	66%, 61%, 62%
CMY	0.3412, 0.3882, 0.3765
CMYK	0.00, 0.07, 0.05, 0.34
HSL	345°, 6%, 64%
HSV	345°, 7%, 66%
XYZ	34.2949, 34.6050, 37.6728
YIQ	159.9300, 6.1890, 3.4770

Conversions Part 1

Conversions

Conversions Part 2

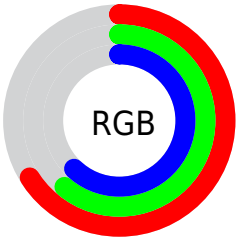
Format	Color
RYB	168, 156, 159
Decimal	11050143
CIELab	65.44, 4.93, 0.01
CIELCh	65, 4.925, 0.089
Yxy	34.6050, 0.3218, 0.3247
Android (android.graphics.Color)	4289240223 (0xFFA89C9F)
YUV	159.9300, -0.4585, 7.0774
Hunter-Lab	58.8260, 1.1181, 3.2083

Details

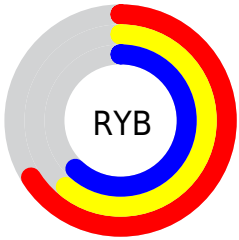
The RYB color 168, 156, 159 is a light color, and the websafe version is hex 999999. A complement of this color would be 156, 163, 168, and the grayscale version is 160, 160, 160.

A 20% lighter version of the original color is 223, 210, 214, and 116, 105, 108 is the 20% darker color. If you saturate the color by 10%, you get 168, 139, 146, and if you desaturate by 10%, it is 168, 171, 173.

Distribution

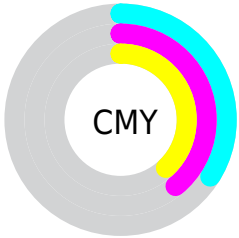


- Red (66%)
- Green (61%)
- Blue (62%)



- Red (66%)
- Yellow (61%)
- Blue (62%)

- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (34%)



- Cyan (34%)
- Magenta (39%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 168, 156, 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 168, 156, 159 by changing the saturation by 10% instead.

168, 156, 159

255, 255, 255

223, 210, 214

252, 239, 242

168, 156, 159

142, 130, 133

116, 105, 108

91, 81, 83

68, 58, 60

46, 36, 39

25, 15, 18

0, 0, 0

168, 156, 159

168, 139, 146

168, 156, 159

168, 171, 173

168, 122, 134	168, 181, 190
168, 106, 121	168, 190, 206
168, 89, 109	168, 200, 223
168, 72, 96	168, 209, 240
168, 55, 83	168, 217, 255
168, 38, 71	168, 214, 255
168, 22, 58	168, 212, 255
168, 5, 46	

Harmonies

Analogous

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

165, 157, 163

168, 156, 159

169, 156, 155

Triad

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

168, 156, 159

151, 160, 153

150, 157, 166

Complementary

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

168, 156, 159

156, 163, 168

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.

148, 155, 163

168, 156, 159

153, 160, 161

Square

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

168, 156, 159

156, 163, 150

149, 156, 162

155, 158, 168

Rectangle

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

168, 156, 159

168, 159, 152

149, 156, 162

149, 156, 165

Sweetspot

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

168, 156, 159

219, 215, 216

165, 156, 168

110, 107, 108

237, 237, 237

110, 110, 110

Same Dimension

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

168, 156, 159

219, 200, 204

168, 160, 156

84, 76, 78

148, 0, 37

20, 0, 5

Inverse Universe

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

168, 156, 159

219, 200, 204

156, 161, 168

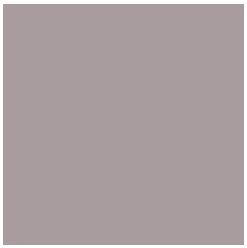
84, 76, 78

148, 0, 37

20, 0, 5

Previews

White Background

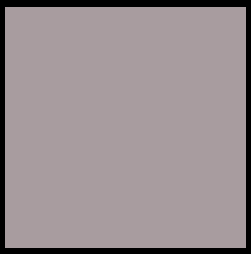


This preview shows how the RYB color 168, 156, 159 looks on a white background.

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



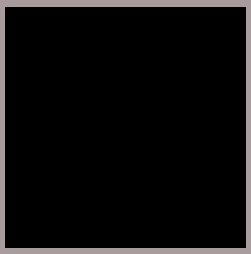
This preview shows how the RYB color 168, 156, 159 looks on a black background.

Color Contrast Check

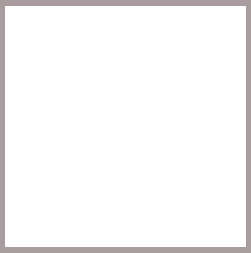
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RYB 168, 156, 159 Background



This preview shows how black text looks on a background with the RYB color 168, 156, 159.

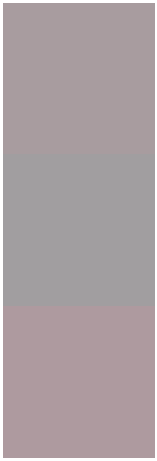


This preview shows how white text looks on a background with the RYB color 168, 156, 159.

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



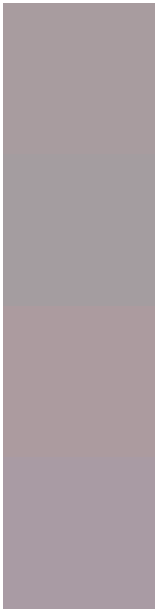
Original Color
168, 156, 159

Protanopia
161, 158, 160

Deuteranopia
174, 154, 159

Tritanopia
169, 155, 167

Trichromacy



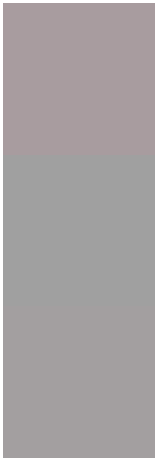
Original Color
168, 156, 159

Protanomaly
164, 157, 160

Deuteranomaly
172, 155, 159

Tritanomaly
169, 155, 164

Monochromacy



Original Color
168, 156, 159

Achromatopsia
160, 160, 160

Achromatomaly
163, 159, 160

CSS Examples

Text

The CSS property to change the color of the text to RYB 168, 156, 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(168, 156, 159) looks like.

```
.text, #text, p{
    color:rgb(168, 156, 159)
}
```

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(168, 156, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 156, 159) }
```

Border

The CSS property to change the border of an element to RYB 168, 156, 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(168, 156, 159) }
```

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

```
.border{ border-color:rgb(168, 156, 159) }
```

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

Here you see how a box with a 4 pixel rgb(168, 156, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 156, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 156, 159); box-shadow:4px 4px 4px 4px rgb(168, 156, 159) }
```

Background

The CSS property to change the background color of an element to RYB 168, 156, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(168, 156, 159) }
```

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

```
.background{ background-color:rgb(168,
156, 159) }
```

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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