Converting Colors

RYB(160, 181, 168)

Have a look what the booklet for RYB(160, 181, 168) contains.

Color

RYB(160, 181, 168)

Conversions

Format	Color
	Conversions Part 1
Hex	ADB5A0
RGB	173, 181, 160
RGB Percent	68%, 71%, 63%
CMY	0.3216, 0.2902, 0.3725
CMYK	0.04, 0.00, 0.12, 0.29
HSL	83°, 12%, 67%
HSV	83°, 12%, 71%
XYZ	40.1026, 44.4700, 39.7276
YIQ	176.2140, 1.9730, -8.2270

Conversions

Conversions Part 2

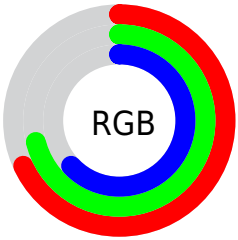
Format	Color
RYB	160, 181, 168
Decimal	11384224
CIELab	72.54, -6.63, 9.74
CIELCh	73, 11.786, 124.233
Yxy	44.4700, 0.3226, 0.3578
Android (android.graphics.Color)	4289574304 (0xFFADB5A0)
YUV	176.2140, -7.9935, -2.8187
Hunter-Lab	66.6859, -9.3564, 11.3585

Details

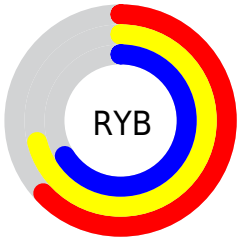
The RYB color 160, 181, 168 is a light color, and the websafe version is hex 999999. A complement of this color would be 168, 160, 181, and the grayscale version is 176, 176, 176.

A 20% lighter version of the original color is 215, 237, 224, and 109, 128, 116 is the 20% darker color. If you saturate the color by 10%, you get 142, 181, 157, and if you desaturate by 10%, it is 178, 181, 179.

Distribution

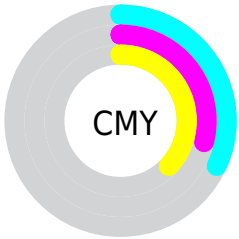


- Red (68%)
- Green (71%)
- Blue (63%)



- Red (63%)
- Yellow (71%)
- Blue (66%)

- Cyan (4%)
- Magenta (0%)
- Yellow (12%)
- Black (29%)



- Cyan (32%)
- Magenta (29%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 160, 181, 168 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 160, 181, 168 by changing the saturation by 10% instead.

160, 181, 168	160, 181, 168
255, 255, 255	134, 154, 142
215, 237, 224	109, 128, 116
243, 255, 243	84, 103, 91
	61, 79, 68
	39, 56, 46
	19, 35, 26
	0, 14, 14
	0, 0, 0

160, 181, 168	160, 181, 168

142, 181, 157

124, 181, 146

106, 181, 135

88, 181, 124

70, 181, 112

51, 181, 100

33, 181, 89

15, 181, 78

0, 181, 69

178, 181, 179

187, 181, 196

194, 181, 214

201, 181, 232

207, 181, 251

214, 181, 255

221, 181, 255

228, 181, 255

235, 181, 255

Harmonies

Analogous

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

166, 185, 157

160, 181, 168

161, 178, 183

Triad

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

160, 181, 168

157, 172, 197

200, 171, 177

Complementary

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

160, 181, 168

168, 160, 181

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.

194, 172, 188

160, 181, 168

168, 176, 199

Square

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

160, 181, 168

151, 169, 190

182, 175, 196

201, 173, 166

Rectangle

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

160, 181, 168

155, 172, 184

182, 175, 196

199, 171, 180

Sweetspot

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

160, 181, 168

228, 235, 231

181, 173, 160

113, 117, 114

245, 245, 245

117, 117, 117

Same Dimension

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

160, 181, 168

202, 235, 215

160, 181, 178

80, 89, 83

0, 153, 58

0, 26, 10

Inverse Universe

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

168, 160, 181

214, 202, 235

178, 160, 181

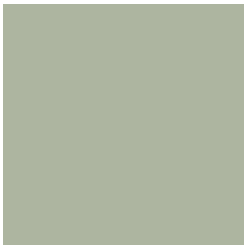
84, 80, 89

58, 0, 153

10, 0, 26

Previews

White Background

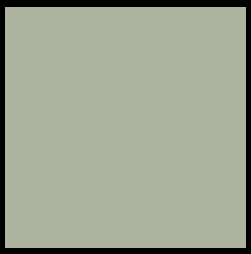


This preview shows how the RYB color 160, 181, 168 looks on a white background.

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



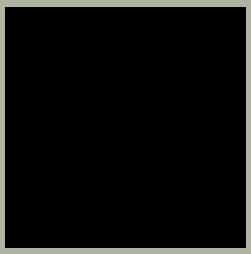
This preview shows how the RYB color 160, 181, 168 looks on a black background.

Color Contrast Check

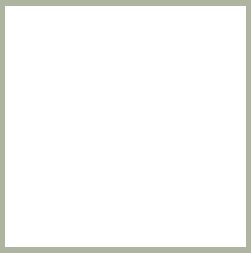
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RYB 160, 181, 168 Background



This preview shows how black text looks on a background with the RYB color 160, 181, 168.



This preview shows how white text looks on a background with the RYB color 160, 181, 168.

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

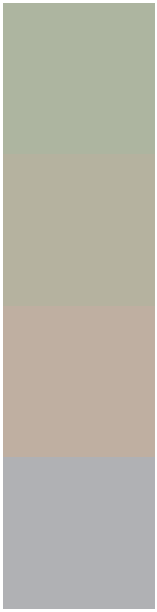
Original Color
160, 181, 168

Protanopia
171, 186, 158

Deuteranopia
201, 174, 162

Tritanopia
178, 177, 191

Trichromacy



Original Color
160, 181, 168

Protanomaly
162, 181, 159

Deuteranomaly
191, 187, 161

Tritanomaly
176, 177, 180

Monochromacy

Original Color
160, 181, 168

Achromatopsia
176, 176, 176

Achromatomaly
170, 178, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 160, 181, 168 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(173, 181, 160) looks like.

```
.text, #text, p{
    color:rgb(173, 181, 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(173, 181, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 181, 160) }
```

Border

The CSS property to change the border of an element to RYB 160, 181, 168 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(173, 181, 160) }
```

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

```
.border{ border-color:rgb(173, 181, 160) }
```

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

Here you see how a box with a 4 pixel rgb(173, 181, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 181, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 181, 160); box-shadow:4px 4px 4px 4px rgb(173, 181, 160) }
```

Background

The CSS property to change the background color of an element to RYB 160, 181, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(173, 181, 160) }
```

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

```
.background{ background-color:rgb(173,
181, 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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