

Converting Colors

`RYB(160, 152, 168)`

Have a look what the booklet for
RYB(160, 152, 168) contains.

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Color

R_YB(160, 152, 168)

Conversions

Conversions Part 1

Format	Color
Hex	A098A8
RGB	160, 152, 168
RGB Percent	63%, 60%, 66%
CMY	0.3725, 0.4039, 0.3412
CMYK	0.05, 0.10, 0.00, 0.34
HSL	270°, 8%, 63%
HSV	270°, 10%, 66%
XYZ	32.7933, 32.7572, 41.6402
YIQ	156.2160, -0.3680, 6.6720

Conversions

Conversions Part 2

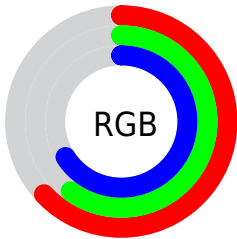
Format	Color
RYB	160, 152, 168
Decimal	10524840
CIELab	63.96, 6.01, -7.30
CIELCh	64, 9.461, 309.476
Yxy	32.7572, 0.3059, 0.3056
Android (android.graphics.Color)	4288714920 (0xFFA098A8)
YUV	156.2160, 5.8095, 3.3186
Hunter-Lab	57.2339, 2.1158, -3.0723

Details

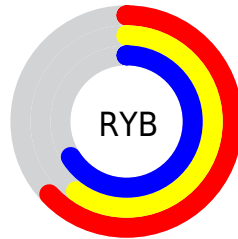
The RYB color **160, 152, 168** is a light color, and the websafe version is hex **999999**. A complement of this color would be **152, 168, 160**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **215, 206, 223**, and **109, 101, 116** is the 20% darker color. If you saturate the color by 10%, you get **152, 135, 168**, and if you desaturate by 10%, it is **168, 169, 169**.

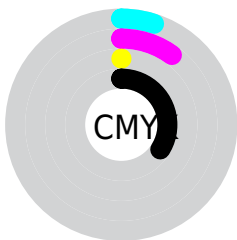
Distribution



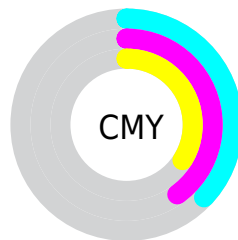
- Red (63%)
- Green (60%)
- Blue (66%)



- Red (63%)
- Yellow (60%)
- Blue (66%)



- Cyan (5%)
- Magenta (10%)
- Yellow (0%)
- Black (34%)




- Cyan (37%)
- Magenta (40%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 160, 152, 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, 152, 168 by changing the saturation by 10% instead.


 160, 152, 168

255, 255, 255

 215, 206, 223


 243, 234, 252

 160, 152, 168

 134, 126, 142

 109, 101, 116

 84, 77, 91


 61, 54, 68


 39, 33, 46

 19, 10, 25

 0, 0, 0

 160, 152, 168

 152, 135, 168

 160, 152, 168

 168, 169, 169

■ 143, 118, 168

■ 168, 186, 177

■ 135, 102, 168

■ 168, 202, 185

■ 126, 85, 168

■ 168, 219, 193

■ 118, 68, 168

■ 168, 236, 202

■ 110, 51, 168

■ 168, 253, 211

■ 101, 34, 168

■ 168, 255, 204

■ 93, 18, 168

■ 168, 255, 196

■ 84, 1, 168

■ 168, 255, 187

Harmonies

Analogous

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



149, 154, 171



160, 152, 168



169, 150, 161

Triad

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



160, 152, 168



168, 163, 139



135, 148, 160

Complementary

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



160, 152, 168



152, 168, 160

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.



140, 154, 160



160, 152, 168



143, 159, 138

Square

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



160, 152, 168



173, 151, 145



142, 158, 151



135, 148, 165

Rectangle

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



160, 152, 168



172, 149, 155



142, 158, 151



136, 150, 160

Sweetspot

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



160, 152, 168



216, 213, 219



152, 157, 168



107, 105, 110



237, 237, 237



110, 110, 110

Same Dimension

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



160, 152, 168



207, 195, 219



168, 152, 168



80, 76, 84



74, 0, 148



10, 0, 20

Inverse Universe

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



168, 152, 160



219, 195, 207



152, 168, 168



84, 76, 80



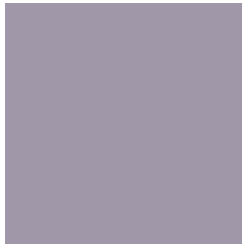
148, 0, 74



20, 0, 10

Previews

White Background



This preview shows how the RYB color 160, 152, 168 looks on a white background.

Color Contrast Check

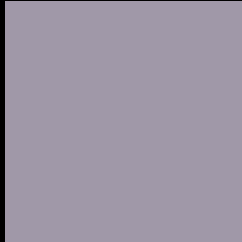
Large Text (above 18pt) WCAG AA × Fail

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, 152, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

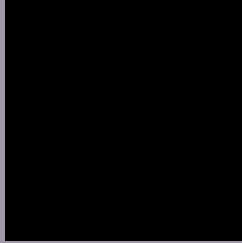
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

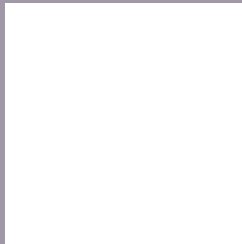
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 160, 152, 168 Background



This preview shows how black text looks on a background with the RYB color 160, 152, 168.



This preview shows how white text looks on a background with the RYB color 160, 152, 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, 152, 168

Protanopia

154, 154, 169

Deuteranopia

164, 151, 168



Tritanopia
159, 153, 165

Trichromacy



Original Color

160, 152, 168

Protanomaly

156, 153, 169

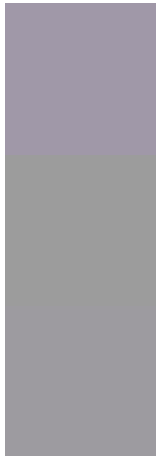
Deuteranomaly

163, 151, 168

Tritanomaly

159, 153, 166

Monochromacy



Original Color

160, 152, 168

Achromatopsia

156, 156, 156

Achromatomaly

157, 155, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 160, 152, 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(160, 152, 168) looks like.

```
.text, #text, p{  
    color:rgb(160, 152, 168)  
}
```

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(160, 152, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 152, 168) }
```

Border

The CSS property to change the border of an element to RYB 160, 152, 168 is called "border". The border property can be set on classes, ids or directly on the HTML element.

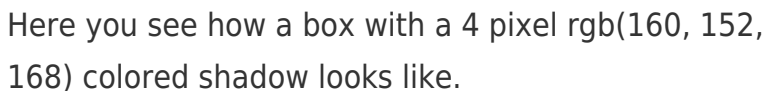
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(160, 152, 168) }
```

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

```
.border{ border-color:rgb(160, 152, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(160, 152, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 152, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 152, 168); box-shadow:4px 4px 4px 4px rgb(160, 152, 168) }
```

Background

The CSS property to change the background color of an element to RYB 160, 152, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 152, 168) }
```

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

```
.background{ background-color: rgb(160,  
152, 168) }
```

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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