

Converting Colors

`RYB(183, 160, 175)`

Have a look what the booklet for RYB(183, 160, 175) contains.

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Color

R_YB(183, 160, 175)

Conversions

Conversions Part 1

Format	Color
Hex	B7A0AF
RGB	183, 160, 175
RGB Percent	72%, 63%, 69%
CMY	0.2824, 0.3725, 0.3137
CMYK	0.00, 0.13, 0.04, 0.28
HSL	321°, 14%, 67%
HSV	321°, 13%, 72%
XYZ	39.8371, 38.3040, 45.8512
YIQ	168.5870, 8.8930, 9.5410

Conversions

Conversions Part 2

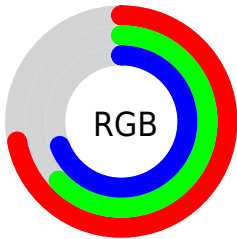
Format	Color
RYB	183, 160, 175
Decimal	12034223
CIELab	68.24, 11.06, -4.66
CIELCh	68, 12.005, 337.159
Yxy	38.3040, 0.3213, 0.3089
Android (android.graphics.Color)	4290224303 (0xFFB7A0AF)
YUV	168.5870, 3.1616, 12.6402
Hunter-Lab	61.8903, 6.5877, -0.6016

Details

The RYB color **183, 160, 175** is a light color, and the websafe version is hex **999999**. A complement of this color would be **160, 177, 183**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **239, 215, 231**, and **130, 108, 123** is the 20% darker color. If you saturate the color by 10%, you get **183, 142, 169**, and if you desaturate by 10%, it is **183, 178, 181**.

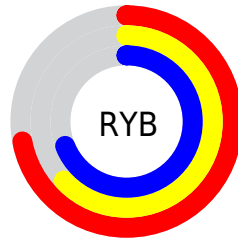
Distribution



Red (72%)

Green (63%)

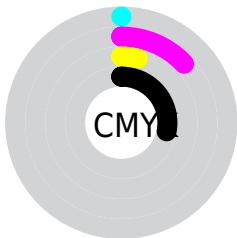
Blue (69%)



Red (72%)

Yellow (63%)

Blue (69%)

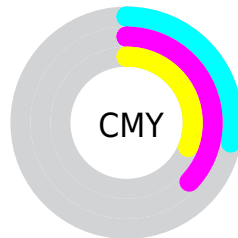


Cyan (0%)

Magenta (13%)

Yellow (4%)

Black (28%)



Cyan (28%)

Magenta (37%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 160, 175 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 183, 160, 175 by changing the saturation by 10% instead.

 183, 160, 175

255, 255, 255

 239, 215, 231

 255, 243, 255

 183, 160, 175

 156, 134, 148

 130, 108, 123

 105, 84, 98

 80, 61, 74

 57, 39, 51

 35, 19, 30

 7, 0, 4


 0, 0, 0


 183, 160, 175

 183, 160, 175

 183, 142, 169


 183, 178, 181

 183, 123, 162


 183, 193, 197

 183, 105, 156


 183, 207, 215

 183, 87, 150


 183, 220, 233

 183, 69, 143


 183, 234, 252

 183, 50, 137

 183, 234, 255

 183, 32, 130

 183, 231, 255

 183, 14, 124

 183, 228, 255

 183, 0, 119

 183, 226, 255

Harmonies

Analogous

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



172, 163, 184



183, 160, 175



189, 159, 164

Triad

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



183, 160, 175



154, 173, 145



139, 157, 179

Complementary

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



183, 160, 175



160, 177, 183

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, 158, 173



183, 160, 175



149, 170, 159

Square

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



183, 160, 175



183, 176, 147



148, 165, 172



146, 161, 186

Rectangle

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



183, 160, 175



190, 160, 157



148, 165, 172



139, 157, 176

Sweetspot

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



183, 160, 175



237, 228, 234



168, 160, 183



120, 114, 118



247, 247, 247



120, 120, 120

Same Dimension

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



183, 160, 175



237, 202, 225



183, 160, 164



92, 83, 89



156, 0, 101



28, 0, 18

Inverse Universe

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



183, 160, 175



237, 202, 225



160, 173, 183



92, 83, 89



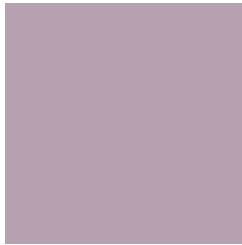
156, 0, 101



28, 0, 18

Previews

White Background



This preview shows how the RYB color 183, 160, 175 looks on a white background.

Color Contrast Check

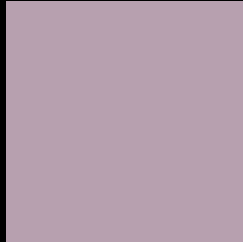
Large Text (above 18pt) WCAG AA × Fail

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 183, 160, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

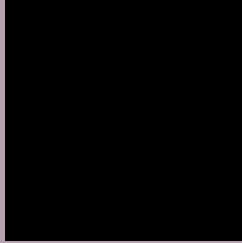
Any Text WCAG AA ✓ Pass

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 183, 160, 175 Background



This preview shows how black text looks on a background with the RYB color 183, 160, 175.



This preview shows how white text looks on a background with the RYB color 183, 160, 175.

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
183, 160, 175

Protanopia
166, 165, 178

Deuteranopia
179, 162, 175



Tritanopia
183, 160, 173

Trichromacy



Original Color
183, 160, 175

Protanomaly
172, 163, 177

Deuteranomaly
180, 161, 175

Tritanomaly
183, 160, 174

Monochromacy



Original Color
183, 160, 175

Achromatopsia
169, 169, 169

Achromatomaly
174, 166, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 160, 175 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(183, 160, 175) looks like.

```
.text, #text, p{  
    color:rgb(183, 160, 175)  
}
```

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(183, 160, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 160, 175) }
```

Border

The CSS property to change the border of an element to RYB 183, 160, 175 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(183, 160, 175) }
```

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

```
.border{ border-color:rgb(183, 160, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 160, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 160, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 160, 175);  
box-shadow:4px 4px 4px 4px rgb(183, 160,  
175) }
```

Background

The CSS property to change the background color of an element to RYB 183, 160, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 160, 175) }
```

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

```
.background{ background-color: rgb(183,  
160, 175) }
```

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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