

Converting Colors

`RYB(183, 168, 173)`

Have a look what the booklet for RYB(183, 168, 173) contains.

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Color

R_YB(183, 168, 173)

Conversions

Conversions Part 1

Format	Color
Hex	B7A8AD
RGB	183, 168, 173
RGB Percent	72%, 66%, 68%
CMY	0.2824, 0.3412, 0.3216
CMYK	0.00, 0.08, 0.05, 0.28
HSL	340°, 9%, 69%
HSV	340°, 8%, 72%
XYZ	41.0739, 41.0897, 45.3014
YIQ	173.0550, 7.3350, 4.7350

Conversions

Conversions Part 2

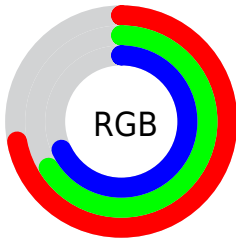
Format	Color
RYB	183, 168, 173
Decimal	12036269
CIELab	70.24, 6.30, -0.62
CIElCh	70, 6.330, 354.381
Yxy	41.0897, 0.3222, 0.3224
Android (android.graphics.Color)	4290226349 (0xFFB7A8AD)
YUV	173.0550, -0.0271, 8.7218
Hunter-Lab	64.1012, 2.1996, 2.9696

Details

The RYB color **183, 168, 173** is a light color, and the websafe version is hex **999999**. A complement of this color would be **168, 177, 183**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **239, 223, 228**, and **130, 116, 121** is the 20% darker color. If you saturate the color by 10%, you get **183, 150, 161**, and if you desaturate by 10%, it is **183, 185, 186**.

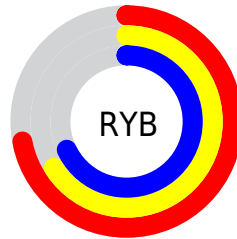
Distribution



Red (72%)

Green (66%)

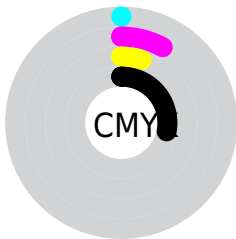
Blue (68%)



Red (72%)

Yellow (66%)

Blue (68%)

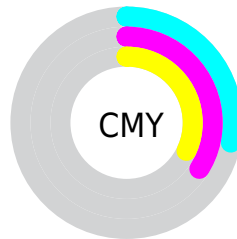


Cyan (0%)

Magenta (8%)

Yellow (5%)

Black (28%)



Cyan (28%)

Magenta (34%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 168, 173 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, 168, 173 by changing the saturation by 10% instead.

 183, 168, 173

255, 255, 255

 239, 223, 228


 255, 252, 255

 183, 168, 173

 156, 142, 146

 130, 116, 121

 105, 91, 96


 81, 68, 72


 58, 46, 50

 36, 25, 29

 16, 0, 3

 0, 0, 0

 183, 168, 173

 183, 168, 173

 183, 150, 161

 183, 185, 186

 183, 131, 149


 183, 196, 205

 183, 113, 136


 183, 207, 223

 183, 95, 124

 183, 218, 241

 183, 76, 112

 183, 225, 255

 183, 58, 100

 183, 221, 255

 183, 40, 88

 183, 219, 255

 183, 22, 75

 183, 3, 63

Harmonies

Analogous

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



178, 169, 178



183, 168, 173



185, 168, 167

Triad

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



183, 168, 173



161, 173, 163



160, 168, 181

Complementary

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



183, 168, 173



168, 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.



158, 167, 176



183, 168, 173



165, 174, 174

Square

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



183, 168, 173



171, 178, 160



160, 169, 175



165, 171, 183

Rectangle

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



183, 168, 173



184, 171, 164



160, 169, 175



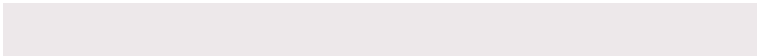
159, 168, 179

Sweetspot

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



183, 168, 173



237, 232, 234



178, 168, 183



120, 117, 118



247, 247, 247



120, 120, 120

Same Dimension

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



183, 168, 173



237, 213, 221



183, 170, 168



92, 83, 86



156, 0, 52



28, 0, 9

Inverse Universe

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



183, 168, 173



237, 213, 221



168, 175, 183



92, 83, 86



156, 0, 52



28, 0, 9

Previews

White Background



This preview shows how the RYB color 183, 168, 173 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, 168, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

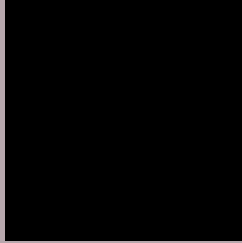
Any Text WCAG AA ✓ Pass

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, 168, 173 Background



This preview shows how black text looks on a background with the RYB color 183, 168, 173.



This preview shows how white text looks on a background with the RYB color 183, 168, 173.

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, 168, 173

Protanopia
174, 171, 175

Deuteranopia
188, 166, 173



Tritanopia

184, 167, 180

Trichromacy



Original Color

183, 168, 173

Protanomaly

177, 170, 174

Deuteranomaly

186, 167, 173

Tritanomaly

184, 167, 177

Monochromacy



Original Color

183, 168, 173

Achromatopsia

173, 173, 173

Achromatomaly

177, 171, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 168, 173 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, 168, 173) looks like.

```
.text, #text, p{  
    color:rgb(183, 168, 173)  
}
```

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, 168, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 168, 173) }
```

Border

The CSS property to change the border of an element to RYB 183, 168, 173 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, 168, 173) }
```

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

```
.border{ border-color:rgb(183, 168, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 168, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 168, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 168, 173);  
box-shadow:4px 4px 4px 4px rgb(183, 168,  
173) }
```

Background

The CSS property to change the background color of an element to RYB 183, 168, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 168, 173) }
```

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

```
.background{ background-color: rgb(183,  
168, 173) }
```

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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