

Converting Colors

`RYB(183, 167, 170)`

Have a look what the booklet for
RYB(183, 167, 170) contains.

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Color

R_YB(183, 167, 170)

Conversions

Conversions Part 1

Format	Color
Hex	B7A7AA
RGB	183, 167, 170
RGB Percent	72%, 65%, 67%
CMY	0.2824, 0.3451, 0.3333
CMYK	0.00, 0.09, 0.07, 0.28
HSL	349°, 10%, 69%
HSV	349°, 9%, 72%
XYZ	40.6029, 40.6070, 43.7281
YIQ	172.1260, 8.5730, 4.3250

Conversions

Conversions Part 2

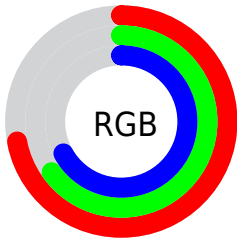
Format	Color
RYB	183, 167, 170
Decimal	12036010
CIELab	69.90, 6.31, 0.54
CIElCh	70, 6.334, 4.933
Yxy	40.6070, 0.3250, 0.3250
Android (android.graphics.Color)	4290226090 (0xFFB7A7AA)
YUV	172.1260, -1.0481, 9.5365
Hunter-Lab	63.7236, 2.2187, 3.9208

Details

The RYB color **183, 167, 170** is a light color, and the websafe version is hex **999999**. A complement of this color would be **167, 176, 183**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **239, 222, 225**, and **130, 115, 118** is the 20% darker color. If you saturate the color by 10%, you get **183, 149, 155**, and if you desaturate by 10%, it is **183, 184, 185**.

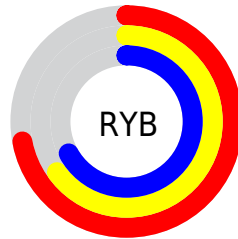
Distribution



Red (72%)

Green (65%)

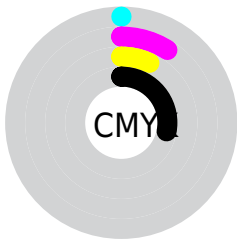
Blue (67%)



Red (72%)

Yellow (65%)

Blue (67%)

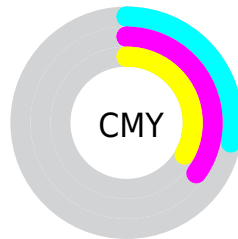


Cyan (0%)

Magenta (9%)

Yellow (7%)

Black (28%)



Cyan (28%)

Magenta (35%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 167, 170 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, 167, 170 by changing the saturation by 10% instead.

 183, 167, 170


255, 255, 255

 239, 222, 225


 255, 251, 254

 183, 167, 170

 156, 141, 144

 130, 115, 118

 105, 91, 93

 81, 67, 70

 58, 45, 47

 36, 24, 27

 15, 0, 0


 0, 0, 0


 183, 167, 170

 183, 167, 170

 183, 149, 155

 183, 184, 185

 183, 130, 140

 183, 195, 204

 183, 112, 125

 183, 204, 222

 183, 94, 111

 183, 215, 240

 183, 76, 96

 183, 222, 255

 183, 57, 81

 183, 219, 255

 183, 39, 66

 183, 21, 51

 183, 2, 36

Harmonies

Analogous

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



179, 168, 176



183, 167, 170



183, 168, 164

Triad

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



183, 167, 170



161, 172, 165



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, 167, 170



167, 176, 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.



157, 166, 177



183, 167, 170



162, 171, 174

Square

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



183, 167, 170



164, 175, 159



158, 167, 174



166, 170, 182

Rectangle

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



183, 167, 170



182, 171, 162



158, 167, 174



159, 167, 180

Sweetspot

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



183, 167, 170



237, 230, 231



180, 167, 183



120, 115, 116



247, 247, 247



120, 120, 120

Same Dimension

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



183, 167, 170



237, 213, 218



183, 174, 167



92, 83, 84



156, 0, 29



28, 0, 5

Inverse Universe

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



183, 167, 170



237, 213, 218



167, 174, 183



92, 83, 84



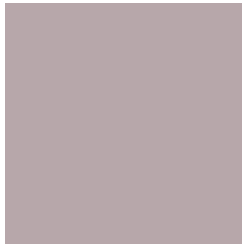
156, 0, 29



28, 0, 5

Previews

White Background



This preview shows how the RYB color 183, 167, 170 looks on a white background.

Color Contrast Check

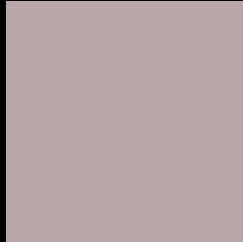
Large Text (above 18pt) WCAG AA × Fail

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, 167, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

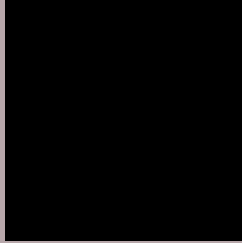
Any Text WCAG AA ✓ Pass

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, 167, 170 Background



This preview shows how black text looks on a background with the RYB color 183, 167, 170.



This preview shows how white text looks on a background with the RYB color 183, 167, 170.

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, 167, 170

Protanopia
174, 170, 172

Deuteranopia
187, 165, 170



Tritanopia
184, 166, 179

Trichromacy



Original Color
183, 167, 170

Protanomaly
177, 169, 171

Deuteranomaly
186, 166, 170

Tritanomaly
184, 166, 176

Monochromacy



Original Color
183, 167, 170

Achromatopsia
172, 172, 172

Achromatomaly
176, 170, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 183, 167, 170 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, 167, 170) looks like.

```
.text, #text, p{  
    color:rgb(183, 167, 170)  
}
```

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, 167, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 167, 170) }
```

Border

The CSS property to change the border of an element to RYB 183, 167, 170 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, 167, 170) }
```

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

```
.border{ border-color:rgb(183, 167, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 167, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 167, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 167, 170);  
box-shadow:4px 4px 4px 4px rgb(183, 167,  
170) }
```

Background

The CSS property to change the background color of an element to RYB 183, 167, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 167, 170) }
```

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

```
.background{ background-color: rgb(183,  
167, 170) }
```

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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