

Converting Colors

`RYB(183, 165, 173)`

Have a look what the booklet for
RYB(183, 165, 173) contains.

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Color

R_YB(183, 165, 173)

Conversions

Conversions Part 1

Format	Color
Hex	B7A5AD
RGB	183, 165, 173
RGB Percent	72%, 65%, 68%
CMY	0.2824, 0.3529, 0.3216
CMYK	0.00, 0.10, 0.05, 0.28
HSL	333°, 11%, 68%
HSV	333°, 10%, 72%
XYZ	40.5264, 39.9947, 45.1189
YIQ	171.2940, 8.1600, 6.3040

Conversions

Conversions Part 2

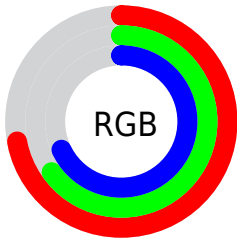
Format	Color
RYB	183, 165, 173
Decimal	12035501
CIELab	69.47, 7.94, -1.75
CIElCh	69, 8.135, 347.565
Yxy	39.9947, 0.3226, 0.3183
Android (android.graphics.Color)	4290225581 (0xFFB7A5AD)
YUV	171.2940, 0.8411, 10.2662
Hunter-Lab	63.2413, 3.7142, 1.9691

Details

The RYB color **183, 165, 173** is a light color, and the websafe version is hex **999999**. A complement of this color would be **165, 177, 183**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **239, 220, 228**, and **130, 113, 121** is the 20% darker color. If you saturate the color by 10%, you get **183, 147, 163**, and if you desaturate by 10%, it is **183, 183, 183**.

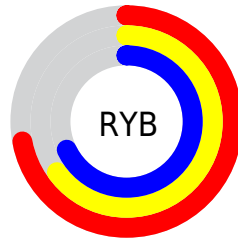
Distribution



Red (72%)

Green (65%)

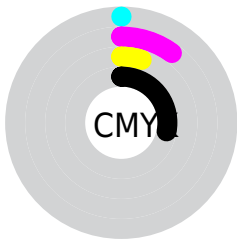
Blue (68%)



Red (72%)

Yellow (65%)

Blue (68%)

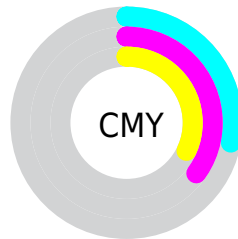


Cyan (0%)

Magenta (10%)

Yellow (5%)

Black (28%)



Cyan (28%)

Magenta (35%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 165, 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, 165, 173 by changing the saturation by 10% instead.

 183, 165, 173


255, 255, 255

 239, 220, 228


 255, 249, 255

 183, 165, 173

 156, 139, 146

 130, 113, 121

 105, 89, 96

 81, 65, 72


 58, 43, 50

 36, 23, 29

 13, 0, 2

 0, 0, 0

 183, 165, 173

 183, 165, 173

 183, 147, 163

 183, 183, 183

 183, 128, 153


 183, 195, 202

 183, 110, 143


 183, 207, 220

 183, 92, 132


 183, 218, 238

 183, 74, 122

 183, 229, 255

 183, 55, 112

 183, 225, 255

 183, 37, 102

 183, 222, 255

 183, 19, 92

 183, 219, 255

 183, 0, 82

 183, 219, 255

Harmonies

Analogous

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



176, 166, 180



183, 165, 173



186, 165, 165

Triad

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



183, 165, 173



157, 171, 156



153, 164, 180

Complementary

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



183, 165, 173



165, 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.



152, 163, 174



183, 165, 173



160, 173, 170

Square

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



183, 165, 173



175, 179, 155



155, 167, 174



159, 167, 184

Rectangle

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



183, 165, 173



185, 166, 161



155, 167, 174



152, 164, 178

Sweetspot

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



183, 165, 173



237, 230, 233



175, 165, 183



120, 115, 117



247, 247, 247



120, 120, 120

Same Dimension

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



183, 165, 173



237, 209, 221



183, 166, 165



92, 83, 87



156, 0, 69



28, 0, 12

Inverse Universe

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



183, 165, 173



237, 209, 221



165, 174, 183



92, 83, 87



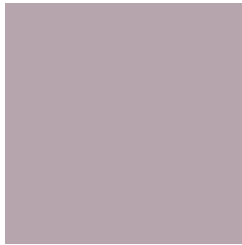
156, 0, 69



28, 0, 12

Previews

White Background



This preview shows how the RYB color 183, 165, 173 looks on a white background.

Color Contrast Check

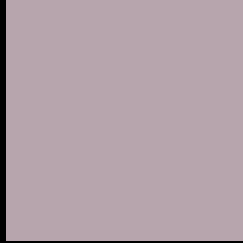
Large Text (above 18pt) WCAG AA × Fail

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, 165, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

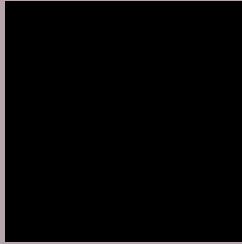
Any Text WCAG AA ✓ Pass

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](#).

RYP 183, 165, 173 Background



This preview shows how black text looks on a background with the RYP color 183, 165, 173.



This preview shows how white text looks on a background with the RYP color 183, 165, 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, 165, 173

Protanopia
171, 169, 175

Deuteranopia
185, 164, 173



Tritanopia
184, 164, 177

Trichromacy



Original Color
183, 165, 173

Protanomaly
175, 168, 174

Deuteranomaly
184, 164, 173

Tritanomaly
184, 164, 176

Monochromacy



Original Color
183, 165, 173

Achromatopsia
171, 171, 171

Achromatomaly
175, 169, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 165, 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, 165, 173) looks like.

```
.text, #text, p{  
    color:rgb(183, 165, 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, 165, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 165, 173) }
```

Border

The CSS property to change the border of an element to RYB 183, 165, 173 is called "border". The border property can be set on classes, ids or directly on the HTML element.

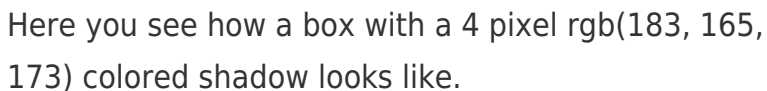
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 165, 173) }
```

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

```
.border{ border-color:rgb(183, 165, 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, 165, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 165, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 165, 173); box-shadow:4px 4px 4px 4px rgb(183, 165, 173) }
```

Background

The CSS property to change the background color of an element to RYB 183, 165, 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, 165, 173) }
```

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

```
.background{ background-color: rgb(183,  
165, 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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