

Converting Colors

`RYB(183, 165, 189)`

Have a look what the booklet for
RYB(183, 165, 189) contains.

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Color

R_YB(183, 165, 189)

Conversions

Conversions Part 1

Format	Color
Hex	B7A5BD
RGB	183, 165, 189
RGB Percent	72%, 65%, 74%
CMY	0.2824, 0.3529, 0.2588
CMYK	0.03, 0.13, 0.00, 0.26
HSL	285°, 15%, 69%
HSV	285°, 13%, 74%
XYZ	42.1689, 40.6517, 53.7681
YIQ	173.1180, 3.0240, 11.2800

Conversions

Conversions Part 2

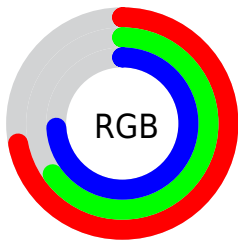
Format	Color
RYB	183, 165, 189
Decimal	12035517
CIELab	69.93, 10.95, -9.93
CIELCh	70, 14.783, 317.821
Yxy	40.6517, 0.3087, 0.2976
Android (android.graphics.Color)	4290225597 (0xFFB7A5BD)
YUV	173.1180, 7.8298, 8.6665
Hunter-Lab	63.7587, 6.4792, -5.3686

Details

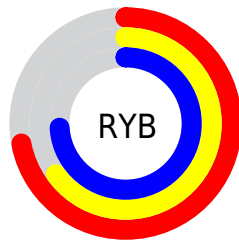
The RYB color **183, 165, 189** is a light color, and the websafe version is hex **999999**. A complement of this color would be **165, 189, 183**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **239, 220, 245**, and **130, 113, 136** is the 20% darker color. If you saturate the color by 10%, you get **178, 146, 189**, and if you desaturate by 10%, it is **188, 184, 189**.

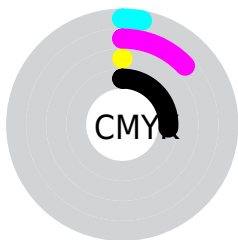
Distribution



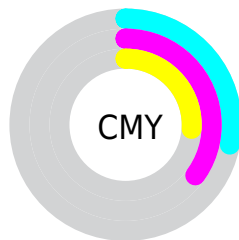
- Red (72%)
- Green (65%)
- Blue (74%)



- Red (72%)
- Yellow (65%)
- Blue (74%)



- Cyan (3%)
- Magenta (13%)
- Yellow (0%)
- Black (26%)



- Cyan (28%)
- Magenta (35%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 165, 189 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, 189 by changing the saturation by 10% instead.

 183, 165, 189


255, 255, 255

 239, 220, 245


 255, 249, 255

 183, 165, 189

 156, 139, 162

 130, 113, 136

 105, 89, 110

 81, 65, 86

 57, 43, 63

 36, 22, 41

 16, 0, 21

 0, 0, 0

 183, 165, 189

 183, 165, 189

178, 146, 189

188, 184, 189

174, 127, 189

189, 203, 200

169, 108, 189

189, 222, 214

164, 89, 189

189, 241, 228

159, 71, 189

189, 255, 237

155, 52, 189

189, 255, 233

150, 33, 189

189, 255, 228

145, 14, 189

189, 255, 223

142, 0, 189

189, 255, 218

Harmonies

Analogous

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



167, 169, 196



183, 165, 189



195, 162, 177

Triad

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



183, 165, 189



180, 187, 145



137, 158, 179

Complementary

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



183, 165, 189



165, 189, 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.



144, 165, 178



183, 165, 189



145, 173, 145

Square

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



183, 165, 189



197, 168, 152



153, 176, 171



138, 160, 190

Rectangle

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



183, 165, 189



199, 162, 168



153, 176, 171



138, 160, 179

Sweetspot

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



183, 165, 189



242, 235, 245



165, 170, 189



121, 116, 122



250, 250, 250



122, 122, 122

Same Dimension

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



183, 165, 189



236, 208, 245



189, 165, 183



92, 85, 94



119, 0, 158



23, 0, 31

Inverse Universe

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



189, 165, 171



245, 208, 217



165, 184, 189



94, 85, 87



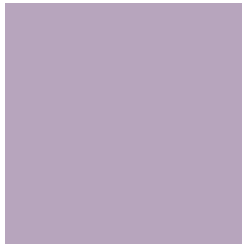
158, 0, 40



31, 0, 8

Previews

White Background



This preview shows how the RYB color 183, 165, 189 looks on a white background.

Color Contrast Check

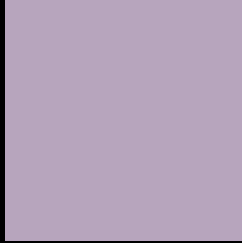
Large Text (above 18pt) WCAG AA × Fail

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, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

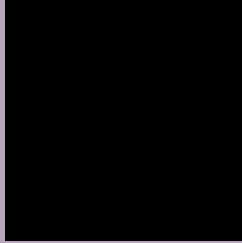
Any Text WCAG AA ✓ Pass

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, 189 Background



This preview shows how black text looks on a background with the RYB color 183, 165, 189.



This preview shows how white text looks on a background with the RYB color 183, 165, 189.

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, 189

Protanopia
168, 170, 192

Deuteranopia
179, 166, 189



Tritanopia

182, 167, 180

Trichromacy



Original Color
183, 165, 189

Protanomaly
173, 168, 191

Deuteranomaly
180, 166, 189

Tritanomaly
182, 166, 183

Monochromacy



Original Color
183, 165, 189

Achromatopsia
173, 173, 173

Achromatomaly
177, 170, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 165, 189 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, 189) looks like.

```
.text, #text, p{  
    color:rgb(183, 165, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 165, 189) }
```

Border

The CSS property to change the border of an element to RYB 183, 165, 189 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, 189) }
```

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

```
.border{ border-color:rgb(183, 165, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 165, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 165, 189);  
box-shadow:4px 4px 4px 4px rgb(183, 165,  
189) }
```

Background

The CSS property to change the background color of an element to RYB 183, 165, 189 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, 189) }
```

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

```
.background{ background-color: rgb(183,  
165, 189) }
```

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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