

Converting Colors

`RYB(189, 163, 175)`

Have a look what the booklet for RYB(189, 163, 175) contains.

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Color

R_YB(189, 163, 175)

Conversions

Conversions Part 1

Format	Color
Hex	BDA3AF
RGB	189, 163, 175
RGB Percent	74%, 64%, 69%
CMY	0.2588, 0.3608, 0.3137
CMYK	0.00, 0.14, 0.07, 0.26
HSL	332°, 16%, 69%
HSV	332°, 14%, 74%
XYZ	41.8213, 40.1083, 46.0949
YIQ	172.1420, 11.6440, 9.2440

Conversions

Conversions Part 2

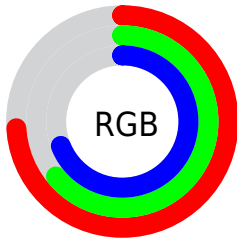
Format	Color
RYB	189, 163, 175
Decimal	12428207
CIELab	69.55, 11.56, -2.68
CIElCh	70, 11.868, 346.951
Yxy	40.1083, 0.3267, 0.3133
Android (android.graphics.Color)	4290618287 (0xFFBDA3AF)
YUV	172.1420, 1.4090, 14.7845
Hunter-Lab	63.3312, 7.0446, 1.1782

Details

The RYB color **189, 163, 175** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **163, 180, 189**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **245, 218, 230**, and **136, 111, 123** is the 20% darker color. If you saturate the color by 10%, you get **189, 144, 165**, and if you desaturate by 10%, it is **189, 182, 185**.

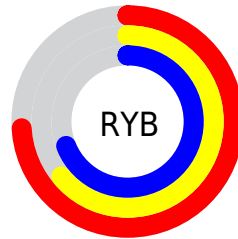
Distribution



Red (74%)

Green (64%)

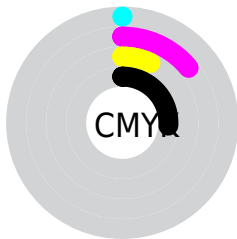
Blue (69%)



Red (74%)

Yellow (64%)

Blue (69%)

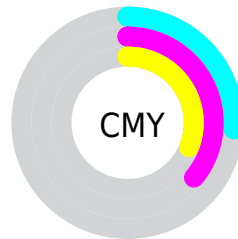


Cyan (0%)

Magenta (14%)

Yellow (7%)

Black (26%)



Cyan (26%)

Magenta (36%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 189, 163, 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 189, 163, 175 by changing the saturation by 10% instead.


 189, 163, 175

255, 255, 255


 245, 218, 230

 255, 246, 255

 189, 163, 175


 162, 137, 148

 136, 111, 123

 110, 87, 98

 86, 63, 74

 62, 41, 51

 40, 21, 30

 20, 0, 5

 0, 0, 0

 189, 163, 175

 189, 163, 175

 189, 144, 165

 189, 182, 185

 189, 125, 155


 189, 197, 201

 189, 106, 144

 189, 209, 220

 189, 87, 134


 189, 221, 239

 189, 68, 124

 189, 231, 255

 189, 50, 114

 189, 228, 255

 189, 31, 104

 189, 224, 255

 189, 12, 94

 189, 222, 255

 189, 0, 87

Harmonies

Analogous

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



179, 165, 185



189, 163, 175



193, 163, 164

Triad

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



189, 163, 175



150, 172, 149



144, 162, 185

Complementary

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



189, 163, 175



163, 180, 189

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.



143, 160, 176



189, 163, 175



155, 174, 169

Square

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



189, 163, 175



176, 183, 149



149, 166, 176



153, 166, 190

Rectangle

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



189, 163, 175



192, 166, 157



149, 166, 176



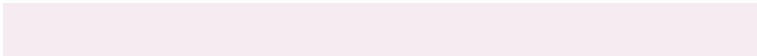
143, 161, 182

Sweetspot

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



189, 163, 175



245, 235, 240



177, 163, 189



122, 116, 119



250, 250, 250



122, 122, 122

Same Dimension

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



189, 163, 175



245, 203, 222



189, 164, 163



94, 85, 89



158, 0, 73



31, 0, 14

Inverse Universe

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



189, 163, 175



245, 203, 222



163, 176, 189



94, 85, 89



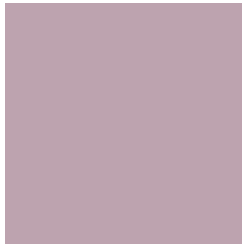
158, 0, 73



31, 0, 14

Previews

White Background



This preview shows how the RYB color 189, 163, 175 looks on a white background.

Color Contrast Check

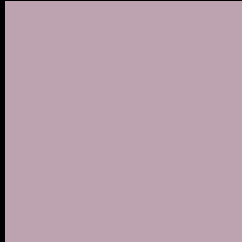
Large Text (above 18pt) WCAG AA × Fail

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 189, 163, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

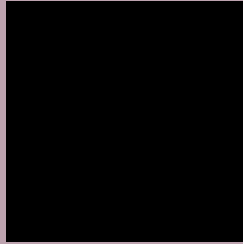
Any Text WCAG AA ✓ Pass

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](#).

RYP 189, 163, 175 Background



This preview shows how black text looks on a background with the RYB color 189, 163, 175.



This preview shows how white text looks on a background with the RYB color 189, 163, 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
189, 163, 175

Protanopia
171, 169, 179

Deuteranopia
184, 165, 175



Tritanopia
189, 163, 176

Trichromacy



Original Color

189, 163, 175

Protanomaly

178, 167, 178

Deuteranomaly

186, 164, 175

Tritanomaly

189, 163, 176

Monochromacy



Original Color

189, 163, 175

Achromatopsia

172, 172, 172

Achromatomaly

178, 169, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 189, 163, 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(189, 163, 175) looks like.

```
.text, #text, p{  
    color:rgb(189, 163, 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(189, 163, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 163, 175) }
```

Border

The CSS property to change the border of an element to RYB 189, 163, 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(189, 163, 175) }
```

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

```
.border{ border-color:rgb(189, 163, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 163, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 163, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 163, 175);  
box-shadow:4px 4px 4px 4px rgb(189, 163,  
175) }
```

Background

The CSS property to change the background color of an element to RYB 189, 163, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 163, 175) }
```

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

```
.background{ background-color: rgb(189,  
163, 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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