

Converting Colors

`RYB(189, 143, 167)`

Have a look what the booklet for
RYB(189, 143, 167) contains.

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Color

`RYB(189, 143, 167)`

Conversions

Conversions Part 1

Format	Color
Hex	BD8FA7
RGB	189, 143, 167
RGB Percent	74%, 56%, 65%
CMY	0.2588, 0.4392, 0.3451
CMYK	0.00, 0.24, 0.12, 0.26
HSL	329°, 26%, 65%
HSV	329°, 24%, 74%
XYZ	37.7838, 33.2538, 40.9864
YIQ	159.4900, 19.7120, 17.2160

Conversions

Conversions Part 2

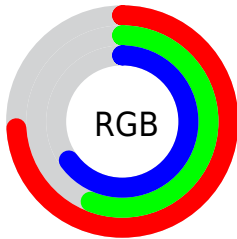
Format	Color
RYB	189, 143, 167
Decimal	12423079
CIELab	64.37, 21.24, -5.85
CIELCh	64, 22.028, 344.610
Yxy	33.2538, 0.3373, 0.2968
Android (android.graphics.Color)	4290613159 (0xFFBD8FA7)
YUV	159.4900, 3.7024, 25.8803
Hunter-Lab	57.6661, 16.0406, -1.7744

Details

The RYB color **189, 143, 167** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **143, 174, 189**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **246, 197, 222**, and **135, 92, 115** is the 20% darker color. If you saturate the color by 10%, you get **189, 124, 158**, and if you desaturate by 10%, it is **189, 162, 176**.

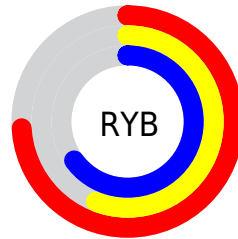
Distribution



Red (74%)

Green (56%)

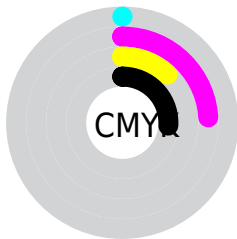
Blue (65%)



Red (74%)

Yellow (56%)

Blue (65%)

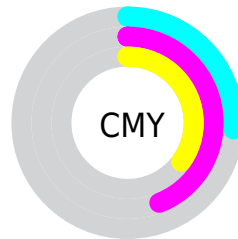


Cyan (0%)

Magenta (24%)

Yellow (12%)

Black (26%)



Cyan (26%)

Magenta (44%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 189, 143, 167 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, 143, 167 by changing the saturation by 10% instead.

 189, 143, 167

255, 255, 255

 246, 197, 222

 255, 225, 251

255, 254, 255


 189, 143, 167

 162, 117, 141

 135, 92, 115

 109, 68, 91

 84, 45, 67

 60, 23, 45

 39, 0, 25

 0, 0, 0

 189, 143, 167

 189, 124, 158

 189, 143, 167

 189, 162, 176

■ 189, 105, 149

■ 189, 181, 185

■ 189, 86, 140

■ 189, 197, 200

■ 189, 67, 131

■ 189, 209, 219

■ 189, 49, 122

■ 189, 222, 238

■ 189, 30, 113

■ 189, 233, 255

■ 189, 11, 104

■ 189, 230, 255

■ 189, 0, 99

■ 189, 227, 255

■ 189, 224, 255

Harmonies

Analogous

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



171, 148, 184



189, 143, 167



196, 142, 147

Triad

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



189, 143, 167



121, 161, 118



102, 137, 183

Complementary

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



189, 143, 167



143, 174, 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.



102, 135, 167



189, 143, 167



128, 163, 153

Square

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



189, 143, 167



174, 180, 119



117, 148, 166



119, 146, 193

Rectangle

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



189, 143, 167



195, 146, 135



117, 148, 166



100, 136, 178

Sweetspot

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



189, 143, 167



245, 228, 237



164, 143, 189



122, 113, 118



250, 250, 250



122, 122, 122

Same Dimension

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



189, 143, 167



245, 174, 211



189, 143, 145



94, 85, 90



158, 0, 82



31, 0, 16

Inverse Universe

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



189, 143, 167



245, 174, 211



143, 167, 189



94, 85, 90



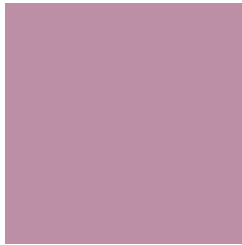
158, 0, 82



31, 0, 16

Previews

White Background



This preview shows how the RYB color 189, 143, 167 looks on a white background.

Color Contrast Check

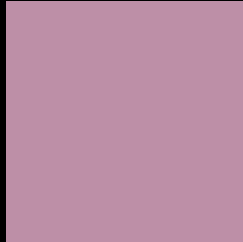
Large Text (above 18pt) WCAG AA × Fail

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, 143, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

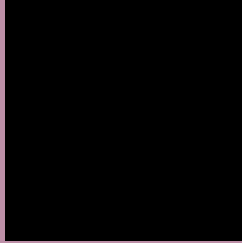
Any Text WCAG AA ✓ Pass

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, 143, 167 Background



This preview shows how black text looks on a background with the RYP color 189, 143, 167.



This preview shows how white text looks on a background with the RYP color 189, 143, 167.

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, 143, 167

Protanopia
154, 155, 175

Deuteranopia
167, 152, 165



Tritanopia
188, 145, 156

Trichromacy



Original Color
189, 143, 167

Protanomaly
167, 151, 172

Deuteranomaly
175, 149, 166

Tritanomaly
188, 144, 160

Monochromacy



Original Color
189, 143, 167

Achromatopsia
159, 159, 159

Achromatomaly
170, 153, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 189, 143, 167 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, 143, 167) looks like.

```
.text, #text, p{  
    color:rgb(189, 143, 167)  
}
```

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, 143, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 143, 167) }
```

Border

The CSS property to change the border of an element to RYB 189, 143, 167 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, 143, 167) }
```

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

```
.border{ border-color:rgb(189, 143, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 143, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 143, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 143, 167);  
box-shadow:4px 4px 4px 4px rgb(189, 143,  
167) }
```

Background

The CSS property to change the background color of an element to RYB 189, 143, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 143, 167) }
```

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

```
.background{ background-color: rgb(189,  
143, 167) }
```

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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