

Converting Colors

`RYB(189, 163, 211)`

Have a look what the booklet for
RYB(189, 163, 211) contains.

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Color

`RYB(189, 163, 211)`

Conversions

Conversions Part 1

Format	Color
Hex	BDA3D3
RGB	189, 163, 211
RGB Percent	74%, 64%, 83%
CMY	0.2588, 0.3608, 0.1725
CMYK	0.10, 0.23, 0.00, 0.17
HSL	272°, 35%, 73%
HSV	272°, 23%, 83%
XYZ	45.8413, 41.7164, 67.2640
YIQ	176.2460, 0.0880, 20.4400

Conversions

Conversions Part 2

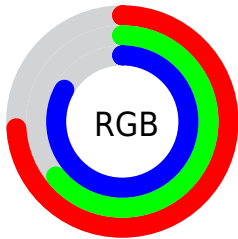
Format	Color
RYB	189, 163, 211
Decimal	12428243
CIELab	70.67, 18.51, -20.90
CIELCh	71, 27.917, 311.540
Yxy	41.7164, 0.2961, 0.2694
Android (android.graphics.Color)	4290618323 (0xFFBDA3D3)
YUV	176.2460, 17.1337, 11.1853
Hunter-Lab	64.5882, 13.6606, -16.5345

Details

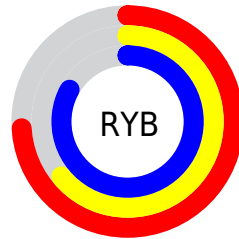
The RYB color **189, 163, 211** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **163, 211, 189**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **246, 218, 255**, and **135, 111, 156** is the 20% darker color. If you saturate the color by 10%, you get **179, 142, 211**, and if you desaturate by 10%, it is **199, 184, 211**.

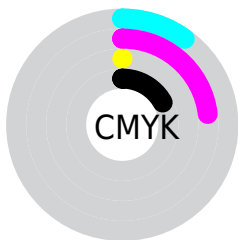
Distribution



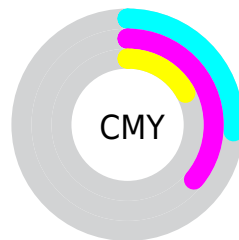
- Red (74%)
- Green (64%)
- Blue (83%)



- Red (74%)
- Yellow (64%)
- Blue (83%)



- Cyan (10%)
- Magenta (23%)
- Yellow (0%)
- Black (17%)



- Cyan (26%)
- Magenta (36%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the RYB color 189, 163, 211 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, 211 by changing the saturation by 10% instead.

 189, 163, 211

 189, 163, 211

255, 255, 255

 162, 137, 183


 246, 218, 255

 135, 111, 156


 255, 247, 255

 110, 87, 130

 85, 63, 105

 61, 41, 81

 38, 20, 57

 21, 0, 36

 0, 0, 12


 0, 0, 0

 189, 163, 211


 189, 163, 211


 179, 142, 211

 199, 184, 211


 170, 121, 211


 208, 205, 211


 160, 100, 211


 211, 226, 219


 150, 79, 211


 211, 247, 230


 141, 57, 211

 211, 255, 229

 131, 36, 211

 211, 255, 219

 121, 15, 211

 211, 255, 211

 114, 0, 211

Harmonies

Analogous

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



155, 169, 222



189, 163, 211



213, 156, 190

Triad

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



189, 163, 211



201, 205, 125



100, 145, 187

Complementary

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



189, 163, 211



163, 211, 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.



124, 165, 186



189, 163, 211



131, 181, 123

Square

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



189, 163, 211



220, 163, 140



134, 181, 162



97, 146, 206

Rectangle

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



189, 163, 211



222, 154, 173



134, 181, 162



107, 151, 187

Sweetspot

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



189, 163, 211



247, 237, 255



163, 178, 211



123, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



189, 163, 211



223, 186, 255



211, 163, 209



100, 94, 105



91, 0, 168



22, 0, 41

Inverse Universe

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



211, 163, 185



255, 186, 218



163, 209, 211



105, 94, 99



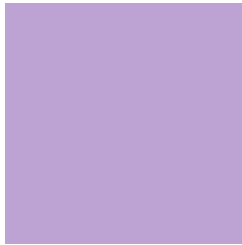
168, 0, 77



41, 0, 19

Previews

White Background



This preview shows how the RYB color 189, 163, 211 looks on a white background.

Color Contrast Check

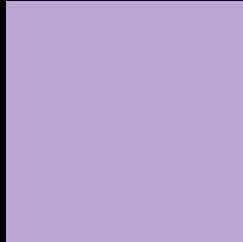
Large Text (above 18pt) WCAG AA × Fail

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, 211 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 189, 163, 211 Background



This preview shows how black text looks on a background with the RYB color 189, 163, 211.



This preview shows how white text looks on a background with the RYB color 189, 163, 211.

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, 211

Protanopia
162, 170, 217

Deuteranopia
171, 169, 210



Tritanopia
184, 168, 182

Trichromacy



Original Color
189, 163, 211

Protanomaly
172, 168, 215

Deuteranomaly
178, 167, 210

Tritanomaly
186, 166, 193

Monochromacy



Original Color
189, 163, 211

Achromatopsia
176, 176, 176

Achromatomaly
181, 171, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 189, 163, 211 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, 211)` looks like.

```
.text, #text, p{  
    color:rgb(189, 163, 211)  
}
```

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, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 163, 211) }
```

Border

The CSS property to change the border of an element to RYB 189, 163, 211 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, 211) }
```

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

```
.border{ border-color:rgb(189, 163, 211) }
```

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, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 163, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 163, 211);  
box-shadow:4px 4px 4px 4px rgb(189, 163,  
211) }
```

Background

The CSS property to change the background color of an element to RYB 189, 163, 211 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, 211) }
```

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

```
.background{ background-color: rgb(189,  
163, 211) }
```

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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