

Converting Colors

`RYB(189, 149, 177)`

Have a look what the booklet for RYB(189, 149, 177) contains.

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Color

R_YB(189, 149, 177)

Conversions

Conversions Part 1

Format	Color
Hex	BD95B1
RGB	189, 149, 177
RGB Percent	74%, 58%, 69%
CMY	0.2588, 0.4157, 0.3059
CMYK	0.00, 0.21, 0.06, 0.26
HSL	318°, 23%, 66%
HSV	318°, 21%, 74%
XYZ	39.6695, 35.4880, 46.3540
YIQ	164.1520, 14.8520, 17.1880

Conversions

Conversions Part 2

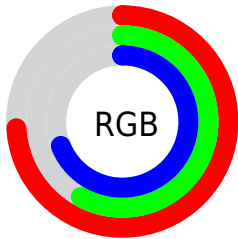
Format	Color
RYB	189, 149, 177
Decimal	12424625
CIELab	66.13, 19.66, -8.86
CIELCh	66, 21.567, 335.754
Yxy	35.4880, 0.3265, 0.2921
Android (android.graphics.Color)	4290614705 (0xFFBD95B1)
YUV	164.1520, 6.3341, 21.7917
Hunter-Lab	59.5718, 14.6144, -4.4345

Details

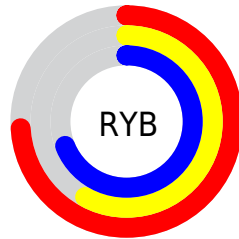
The RYB color **189, 149, 177** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **149, 180, 189**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **246, 203, 233**, and **135, 98, 124** is the 20% darker color. If you saturate the color by 10%, you get **189, 130, 171**, and if you desaturate by 10%, it is **189, 168, 183**.

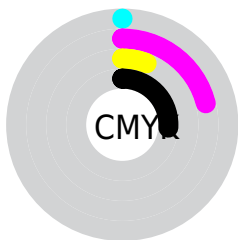
Distribution



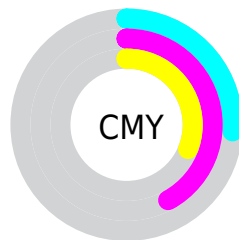
- Red (74%)
- Green (58%)
- Blue (69%)



- Red (74%)
- Yellow (58%)
- Blue (69%)



- Cyan (0%)
- Magenta (21%)
- Yellow (6%)
- Black (26%)



- Cyan (26%)
- Magenta (42%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 189, 149, 177 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, 149, 177 by changing the saturation by 10% instead.


 189, 149, 177

255, 255, 255


 246, 203, 233


 255, 232, 255


 189, 149, 177

 162, 123, 150

 135, 98, 124

 110, 74, 100

 85, 51, 76

 61, 29, 53

 39, 7, 32

 5, 0, 5

 0, 0, 0

 189, 149, 177

 189, 149, 177

 189, 130, 171


 189, 168, 183

 189, 111, 166

 189, 187, 188

 189, 92, 160


 189, 202, 206

 189, 73, 154

 189, 217, 225

 189, 55, 149

 189, 232, 244

 189, 36, 143

 189, 239, 255

 189, 17, 137

 189, 235, 255

 189, 0, 132

 189, 233, 255

 189, 230, 255

Harmonies

Analogous

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



169, 155, 192



189, 149, 177



200, 147, 158

Triad

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



189, 149, 177



136, 172, 122



106, 141, 183

Complementary

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



189, 149, 177



149, 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.



111, 144, 172



189, 149, 177



129, 166, 145

Square

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



189, 149, 177



189, 176, 126



128, 158, 170



119, 148, 195

Rectangle

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



189, 149, 177



200, 148, 145



128, 158, 170



106, 140, 177

Sweetspot

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



189, 149, 177



245, 230, 240



161, 149, 189



122, 114, 120



250, 250, 250



122, 122, 122

Same Dimension

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



189, 149, 177



245, 184, 226



189, 149, 157



94, 85, 92



158, 0, 111



31, 0, 21

Inverse Universe

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



189, 149, 177



245, 184, 226



149, 171, 189



94, 85, 92



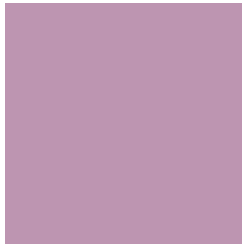
158, 0, 111



31, 0, 21

Previews

White Background



This preview shows how the RYB color 189, 149, 177 looks on a white background.

Color Contrast Check

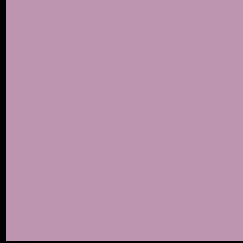
Large Text (above 18pt) WCAG AA × Fail

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, 149, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

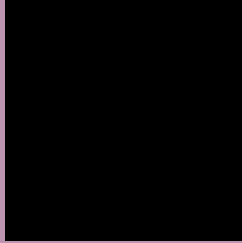
Any Text WCAG AA ✓ Pass

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, 149, 177 Background



This preview shows how black text looks on a background with the RYP color 189, 149, 177.

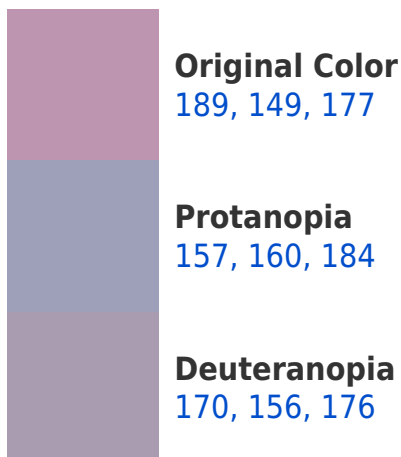


This preview shows how white text looks on a background with the RYP color 189, 149, 177.

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





Tritanopia
187, 151, 163

Trichromacy



Original Color

189, 149, 177

Protanomaly

169, 156, 181

Deuteranomaly

177, 153, 176

Tritanomaly

188, 150, 168

Monochromacy



Original Color

189, 149, 177

Achromatopsia

164, 164, 164

Achromatomaly

173, 159, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 189, 149, 177 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, 149, 177)` looks like.

```
.text, #text, p{  
    color:rgb(189, 149, 177)  
}
```

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, 149, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 149, 177) }
```

Border

The CSS property to change the border of an element to RYB 189, 149, 177 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, 149, 177) }
```

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

```
.border{ border-color:rgb(189, 149, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 149, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 149, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 149, 177);  
box-shadow:4px 4px 4px 4px rgb(189, 149,  
177) }
```

Background

The CSS property to change the background color of an element to RYB 189, 149, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 149, 177) }
```

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

```
.background{ background-color: rgb(189,  
149, 177) }
```

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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