

Converting Colors

`RYB(179, 167, 198)`

Have a look what the booklet for
RYB(179, 167, 198) contains.

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Color

R_YB(179, 167, 198)

Conversions

Conversions Part 1

Format	Color
Hex	B3A7C6
RGB	179, 167, 198
RGB Percent	70%, 65%, 78%
CMY	0.2980, 0.3451, 0.2235
CMYK	0.10, 0.16, 0.00, 0.22
HSL	263°, 21%, 72%
HSV	263°, 16%, 78%
XYZ	42.6022, 41.2984, 59.1521
YIQ	174.1220, -2.7990, 12.1850

Conversions

Conversions Part 2

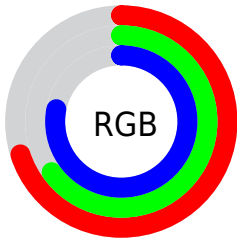
Format	Color
R_{YB}	179, 167, 198
Decimal	11773894
CIE Lab	70.38, 10.30, -14.25
CIE LCh	70, 17.587, 305.860
Yxy	41.2984, 0.2978, 0.2887
Android (android.graphics.Color)	4289963974 (0xFFB3A7C6)
YUV	174.1220, 11.7719, 4.2780
Hunter-Lab	64.2638, 5.8707, -9.5893

Details

The RYB color **179, 167, 198** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **167, 198, 179**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **235, 222, 255**, and **126, 115, 144** is the 20% darker color. If you saturate the color by 10%, you get **167, 147, 198**, and if you desaturate by 10%, it is **191, 187, 198**.

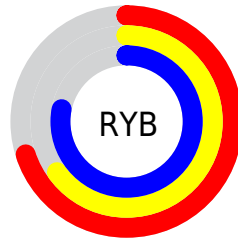
Distribution



Red (70%)

Green (65%)

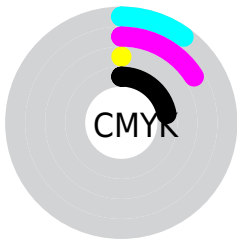
Blue (78%)



Red (70%)

Yellow (65%)

Blue (78%)

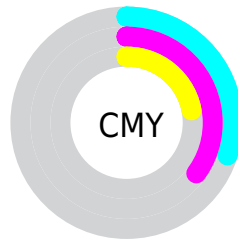


Cyan (10%)

Magenta (16%)

Yellow (0%)

Black (22%)



Cyan (30%)

Magenta (35%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 179, 167, 198 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 179, 167, 198 by changing the saturation by 10% instead.

■ 179, 167, 198

255, 255, 255

■ 235, 222, 255

■ 255, 251, 255

■ 179, 167, 198

■ 152, 141, 171

■ 126, 115, 144

■ 101, 91, 118

■ 77, 67, 94

■ 54, 45, 70

■ 32, 24, 48

■ 12, 0, 27

■ 0, 0, 0

■ 179, 167, 198

■ 179, 167, 198

167, 147, 198

191, 187, 198

155, 127, 198

198, 207, 202

143, 108, 198

198, 226, 209

130, 88, 198

198, 246, 216

118, 68, 198

198, 255, 213

106, 48, 198

198, 255, 201

94, 28, 198

198, 255, 198

82, 9, 198

77, 0, 198

Harmonies

Analogous

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



158, 169, 204



179, 167, 198



196, 163, 186

Triad

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



179, 167, 198



196, 187, 143



133, 159, 181

Complementary

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



179, 167, 198



167, 198, 179

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.



146, 171, 180



179, 167, 198



152, 181, 140

Square

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



179, 167, 198



205, 165, 154



146, 177, 160



130, 157, 190

Rectangle

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



179, 167, 198



203, 161, 175



146, 177, 160



136, 162, 181

Sweetspot

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



179, 167, 198



247, 242, 255



167, 179, 198



123, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



179, 167, 198



225, 207, 255



194, 167, 198



93, 90, 99



63, 0, 163



14, 0, 36

Inverse Universe

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



198, 167, 186



255, 207, 236



167, 198, 194



99, 90, 96



163, 0, 100



36, 0, 22

Previews

White Background



This preview shows how the RYB color 179, 167, 198 looks on a white background.

Color Contrast Check

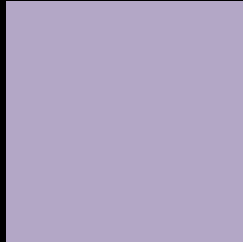
Large Text (above 18pt) WCAG AA × Fail

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 179, 167, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

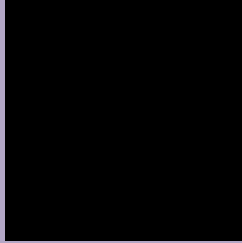
Any Text WCAG AA ✓ Pass

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 179, 167, 198 Background



This preview shows how black text looks on a background with the RYB color 179, 167, 198.



This preview shows how white text looks on a background with the RYB color 179, 167, 198.

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
179, 167, 198

Protanopia
167, 171, 200

Deuteranopia
177, 168, 198



Tritanopia
177, 170, 183

Trichromacy



Original Color
179, 167, 198

Protanomaly
171, 170, 199

Deuteranomaly
178, 168, 198

Tritanomaly
178, 169, 188

Monochromacy



Original Color
179, 167, 198

Achromatopsia
174, 174, 174

Achromatomaly
176, 171, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 179, 167, 198 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(179, 167, 198) looks like.

```
.text, #text, p{  
    color:rgb(179, 167, 198)  
}
```

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(179, 167, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 167, 198) }
```

Border

The CSS property to change the border of an element to RYB 179, 167, 198 is called "border". The border property can be set on classes, ids or directly on the HTML element.

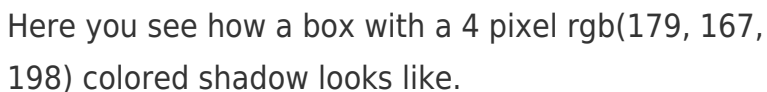
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 167, 198) }
```

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

```
.border{ border-color:rgb(179, 167, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 167, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 167, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 167, 198); box-shadow:4px 4px 4px 4px rgb(179, 167, 198) }
```

Background

The CSS property to change the background color of an element to RYB 179, 167, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 167, 198) }
```

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

```
.background{ background-color: rgb(179,  
167, 198) }
```

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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