

Converting Colors

`RYB(179, 153, 217)`

Have a look what the booklet for RYB(179, 153, 217) contains.

RYB(179, 153, 217)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(179, 153, 217)

Conversions

Conversions Part 1

Format	Color
Hex	B399D9
RGB	179, 153, 217
RGB Percent	70%, 60%, 85%
CMY	0.2980, 0.4000, 0.1490
CMYK	0.18, 0.29, 0.00, 0.15
HSL	264°, 46%, 73%
HSV	264°, 29%, 85%
XYZ	42.5060, 37.3759, 70.6196
YIQ	168.0700, -5.0480, 25.4160

Conversions

Conversions Part 2

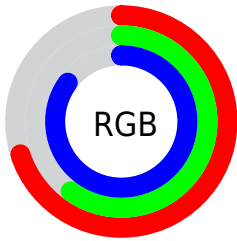
Format	Color
RYB	179, 153, 217
Decimal	11770329
CIELab	67.56, 22.20, -29.06
CIElCh	68, 36.565, 307.378
Yxy	37.3759, 0.2824, 0.2483
Android (android.graphics.Color)	4289960409 (0xFFB399D9)
YUV	168.0700, 24.1225, 9.5856
Hunter-Lab	61.1359, 17.1182, -25.6923

Details

The RYB color **179, 153, 217** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **153, 217, 179**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **235, 207, 255**, and **125, 102, 162** is the 20% darker color. If you saturate the color by 10%, you get **166, 131, 217**, and if you desaturate by 10%, it is **192, 175, 217**.

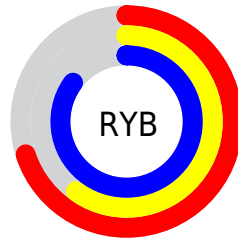
Distribution



Red (70%)

Green (60%)

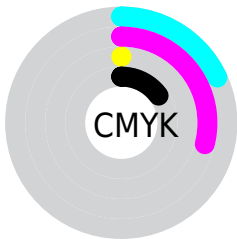
Blue (85%)



Red (70%)

Yellow (60%)

Blue (85%)

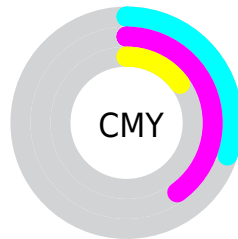


Cyan (18%)

Magenta (29%)

Yellow (0%)

Black (15%)



Cyan (30%)

Magenta (40%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 179, 153, 217 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, 153, 217 by changing the saturation by 10% instead.


 179, 153, 217

255, 255, 255


 235, 207, 255

 255, 236, 255


 179, 153, 217

 152, 127, 189

 125, 102, 162

 100, 78, 135

 75, 54, 110

 51, 33, 85

 27, 12, 62

 0, 0, 40

 0, 1, 17

 0, 0, 0

■ 179, 153, 217

■ 179, 153, 217

■ 166, 131, 217

■ 192, 175, 217

■ 153, 110, 217

■ 205, 196, 217

■ 140, 88, 217

■ 217, 218, 217

■ 127, 66, 217

■ 217, 240, 226

■ 115, 44, 217

■ 217, 255, 229

■ 102, 23, 217

■ 217, 255, 217

■ 89, 1, 217

■ 88, 0, 217

Harmonies

Analogous

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



130, 156, 230



179, 153, 217



213, 143, 191

Triad

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



179, 153, 217



207, 201, 104



56, 122, 182

Complementary

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



179, 153, 217



153, 217, 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.



102, 155, 180



179, 153, 217



114, 178, 98

Square

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



179, 153, 217



225, 148, 126



111, 174, 142



22, 107, 203

Rectangle

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



179, 153, 217



225, 139, 169



111, 174, 142



72, 133, 182

Sweetspot

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



179, 153, 217



241, 232, 255



153, 177, 217



119, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



179, 153, 217



202, 166, 255



211, 153, 217



103, 99, 110



70, 0, 173



19, 0, 46

Inverse Universe

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



217, 153, 191



255, 166, 219



153, 217, 211



110, 99, 105



173, 0, 103



46, 0, 27

Previews

White Background



This preview shows how the RYB color 179, 153, 217 looks on a white background.

Color Contrast Check

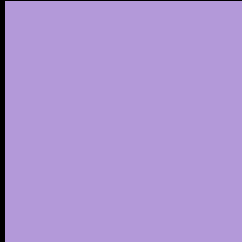
Large Text (above 18pt) WCAG AA × Fail

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, 153, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

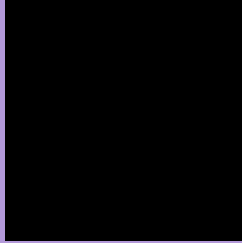
Any Text WCAG AA ✓ Pass

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, 153, 217 Background



This preview shows how black text looks on a background with the RYB color 179, 153, 217.



This preview shows how white text looks on a background with the RYB color 179, 153, 217.

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, 153, 217

Protanopia
147, 160, 224

Deuteranopia
153, 161, 215



Tritanopia
172, 161, 174

Trichromacy



Original Color
179, 153, 217

Protanomaly
159, 159, 221

Deuteranomaly
162, 159, 216

Tritanomaly
175, 158, 190

Monochromacy



Original Color
179, 153, 217

Achromatopsia
168, 168, 168

Achromatomaly
172, 163, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 179, 153, 217 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, 153, 217)` looks like.

```
.text, #text, p{  
    color:rgb(179, 153, 217)  
}
```

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, 153, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 153, 217) }
```

Border

The CSS property to change the border of an element to RYB 179, 153, 217 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, 153, 217) }
```

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

```
.border{ border-color:rgb(179, 153, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 153, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 153, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 153, 217);  
box-shadow:4px 4px 4px 4px rgb(179, 153,  
217) }
```

Background

The CSS property to change the background color of an element to RYB 179, 153, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 153, 217) }
```

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

```
.background{ background-color: rgb(179,  
153, 217) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor