

Converting Colors

`RYB(175, 156, 209)`

Have a look what the booklet for
RYB(175, 156, 209) contains.

RYB(175, 156, 209)	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(175, 156, 209)

Conversions

Conversions Part 1

Format	Color
Hex	AF9CD1
RGB	175, 156, 209
RGB Percent	69%, 61%, 82%
CMY	0.3137, 0.3882, 0.1804
CMYK	0.16, 0.25, 0.00, 0.18
HSL	262°, 37%, 72%
HSV	262°, 25%, 82%
XYZ	41.0763, 37.4943, 65.3938
YIQ	167.7230, -5.6890, 20.5110

Conversions

Conversions Part 2

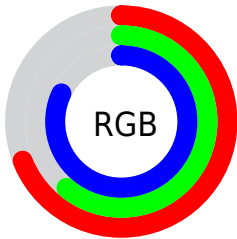
Format	Color
RYB	175, 156, 209
Decimal	11508945
CIELab	67.65, 17.48, -24.52
CIELCh	68, 30.117, 305.482
Yxy	37.4943, 0.2853, 0.2604
Android (android.graphics.Color)	4289699025 (0xFFAF9CD1)
YUV	167.7230, 20.3496, 6.3819
Hunter-Lab	61.2326, 12.5849, -20.4563

Details

The RYB color **175, 156, 209** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **156, 209, 175**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **231, 211, 255**, and **122, 105, 154** is the 20% darker color. If you saturate the color by 10%, you get **162, 135, 209**, and if you desaturate by 10%, it is **188, 177, 209**.

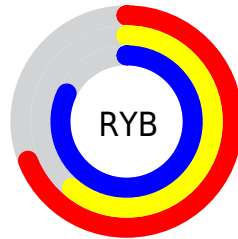
Distribution



Red (69%)

Green (61%)

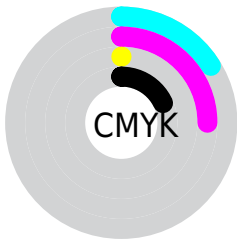
Blue (82%)



Red (69%)

Yellow (61%)

Blue (82%)

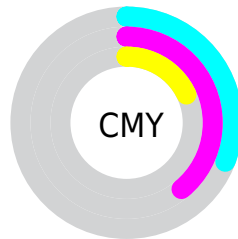


Cyan (16%)

Magenta (25%)

Yellow (0%)

Black (18%)



Cyan (31%)


Magenta (39%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 175, 156, 209 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 175, 156, 209 by changing the saturation by 10% instead.

 175, 156, 209


255, 255, 255

 231, 211, 255

 255, 239, 255


 175, 156, 209

 148, 130, 181

 122, 105, 154

 97, 80, 128

 72, 57, 103

 48, 36, 79

 26, 15, 56

 0, 0, 34

 0, 0, 8

 0, 0, 0

■ 175, 156, 209

■ 175, 156, 209

■ 162, 135, 209

■ 188, 177, 209

■ 148, 114, 209

■ 202, 198, 209

■ 135, 93, 209

■ 209, 219, 213

■ 121, 72, 209

■ 209, 240, 220

■ 108, 52, 209

■ 209, 255, 222

■ 95, 31, 209

■ 209, 255, 209

■ 81, 10, 209

■ 75, 0, 209

Harmonies

Analogous

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



136, 158, 218



175, 156, 209



204, 148, 188

Triad

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



175, 156, 209



203, 187, 116



88, 137, 180

Complementary

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



175, 156, 209



156, 209, 175

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.



118, 161, 178



175, 156, 209



128, 179, 110

Square

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



175, 156, 209



217, 150, 135



120, 173, 144



76, 131, 195

Rectangle

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



175, 156, 209



215, 145, 170



120, 173, 144



97, 143, 179

Sweetspot

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



175, 156, 209



242, 235, 255



156, 177, 209



119, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



175, 156, 209



206, 179, 255



201, 156, 209



98, 94, 105



60, 0, 168



15, 0, 41

Inverse Universe

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



209, 156, 190



255, 179, 228



156, 209, 201



105, 94, 101



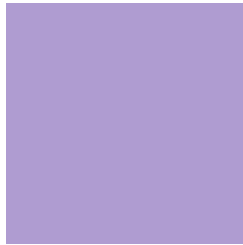
168, 0, 108



41, 0, 26

Previews

White Background



This preview shows how the RYB color 175, 156, 209 looks on a white background.

Color Contrast Check

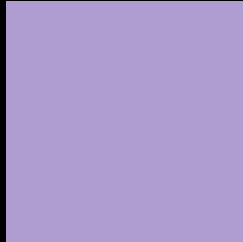
Large Text (above 18pt) WCAG AA × Fail

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 175, 156, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

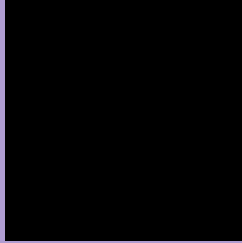
Any Text WCAG AA ✓ Pass

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 175, 156, 209 Background



This preview shows how black text looks on a background with the RYB color 175, 156, 209.

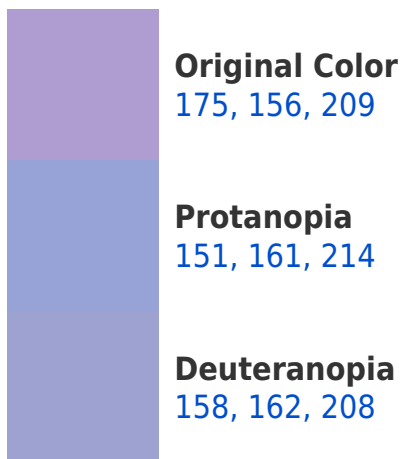



This preview shows how white text looks on a background with the RYB color 175, 156, 209.

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
169, 162, 175

Trichromacy



Original Color
175, 156, 209

Protanomaly
160, 160, 212

Deuteranomaly
164, 160, 208

Tritanomaly
171, 160, 187

Monochromacy



Original Color
175, 156, 209

Achromatopsia
168, 168, 168

Achromatomaly
171, 164, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 175, 156, 209 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(175, 156, 209)` looks like.

```
.text, #text, p{  
    color:rgb(175, 156, 209)  
}
```

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(175, 156, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 156, 209) }
```

Border

The CSS property to change the border of an element to RYB 175, 156, 209 is called "border". The border property can be set on classes, ids or directly on the HTML element.

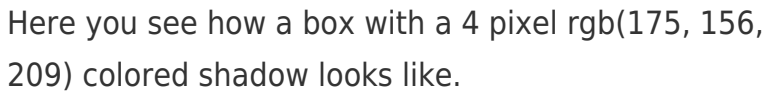
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 156, 209) }
```

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

```
.border{ border-color:rgb(175, 156, 209) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 156, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 156, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 156, 209);  
box-shadow:4px 4px 4px 4px rgb(175, 156,  
209) }
```

Background

The CSS property to change the background color of an element to RYB 175, 156, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 156, 209) }
```

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

```
.background{ background-color: rgb(175,  
156, 209) }
```

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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