

Converting Colors

`RYB(181, 156, 195)`

Have a look what the booklet for
RYB(181, 156, 195) contains.

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Color

R_YB(181, 156, 195)

Conversions

Conversions Part 1

Format	Color
Hex	B59CC3
RGB	181, 156, 195
RGB Percent	71%, 61%, 76%
CMY	0.2902, 0.3882, 0.2353
CMYK	0.07, 0.20, 0.00, 0.24
HSL	278°, 25%, 69%
HSV	278°, 20%, 76%
XYZ	40.7948, 37.5408, 56.7257
YIQ	167.9210, 2.3810, 17.4290

Conversions

Conversions Part 2

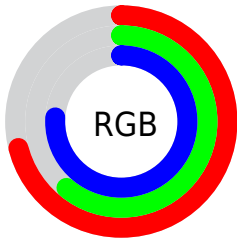
Format	Color
RYB	181, 156, 195
Decimal	11902147
CIELab	67.68, 16.47, -16.65
CIELCh	68, 23.419, 314.679
Yxy	37.5408, 0.3020, 0.2780
Android (android.graphics.Color)	4290092227 (0xFFB59CC3)
YUV	167.9210, 13.3499, 11.4703
Hunter-Lab	61.2706, 11.6245, -12.0027

Details

The RYB color **181, 156, 195** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **156, 195, 181**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **237, 211, 252**, and **128, 105, 141** is the 20% darker color. If you saturate the color by 10%, you get **174, 137, 195**, and if you desaturate by 10%, it is **188, 176, 195**.

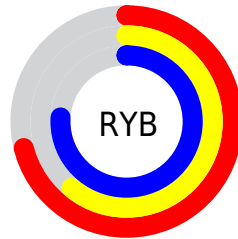
Distribution



Red (71%)

Green (61%)

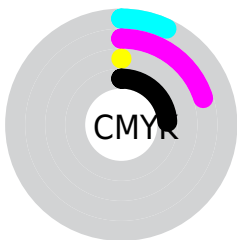
Blue (76%)



Red (71%)

Yellow (61%)

Blue (76%)

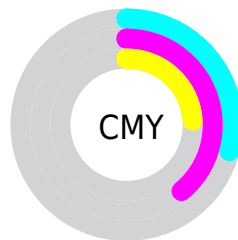


Cyan (7%)

Magenta (20%)

Yellow (0%)

Black (24%)



Cyan (29%)


Magenta (39%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 156, 195 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 181, 156, 195 by changing the saturation by 10% instead.

 181, 156, 195

255, 255, 255


 237, 211, 252

 255, 239, 255

 181, 156, 195

 154, 130, 168

 128, 105, 141

 103, 80, 116


 78, 57, 91


 55, 35, 67

 33, 15, 45

 2, 0, 25

 0, 0, 0

 181, 156, 195

 181, 156, 195

174, 137, 195

188, 176, 195

167, 117, 195

195, 195, 195

160, 98, 195

195, 215, 208

153, 78, 195

195, 234, 220

146, 59, 195

195, 254, 233

139, 39, 195

195, 255, 227

132, 20, 195

195, 255, 220

125, 0, 195

195, 255, 213

195, 255, 206

Harmonies

Analogous

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



154, 162, 205



181, 156, 195



200, 151, 177

Triad

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



181, 156, 195



181, 190, 125



106, 142, 177

Complementary

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



181, 156, 195



156, 195, 181

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.



123, 157, 176



181, 156, 195



127, 170, 124

Square

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



181, 156, 195



204, 159, 136



134, 173, 161



106, 145, 194

Rectangle

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



181, 156, 195



207, 150, 162



134, 173, 161



110, 146, 177

Sweetspot

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



181, 156, 195



247, 237, 252



156, 166, 195



124, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



181, 156, 195



231, 192, 252



195, 156, 190



93, 87, 97



103, 0, 161



21, 0, 33

Inverse Universe

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



195, 156, 170



252, 192, 214



156, 191, 195



97, 87, 91



161, 0, 58



33, 0, 12

Previews

White Background



This preview shows how the RYB color 181, 156, 195 looks on a white background.

Color Contrast Check

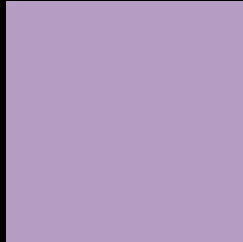
Large Text (above 18pt) WCAG AA × Fail

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 181, 156, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

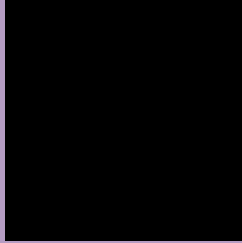
Any Text WCAG AA ✓ Pass

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 181, 156, 195 Background



This preview shows how black text looks on a background with the RYB color 181, 156, 195.

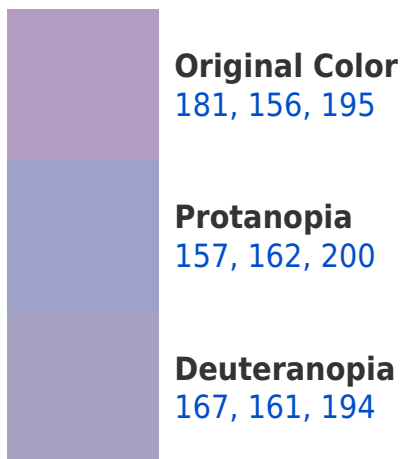


This preview shows how white text looks on a background with the RYB color 181, 156, 195.

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
178, 160, 173

Trichromacy



Original Color
181, 156, 195

Protanomaly
166, 160, 198

Deuteranomaly
172, 159, 194

Tritanomaly
179, 159, 181

Monochromacy



Original Color
181, 156, 195

Achromatopsia
168, 168, 168

Achromatomaly
173, 164, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 156, 195 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(181, 156, 195)` looks like.

```
.text, #text, p{  
    color:rgb(181, 156, 195)  
}
```

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(181, 156, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 156, 195) }
```

Border

The CSS property to change the border of an element to RYB 181, 156, 195 is called "border". The border property can be set on classes, ids or directly on the HTML element.

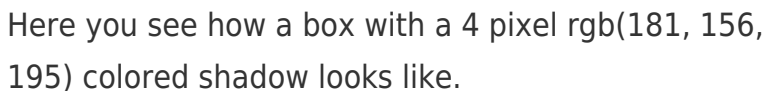
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 156, 195) }
```

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

```
.border{ border-color:rgb(181, 156, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 156, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 156, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 156, 195);  
box-shadow:4px 4px 4px 4px rgb(181, 156,  
195) }
```

Background

The CSS property to change the background color of an element to RYB 181, 156, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 156, 195) }
```

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

```
.background{ background-color: rgb(181,  
156, 195) }
```

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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