

Converting Colors

`RYB(176, 151, 186)`

Have a look what the booklet for
RYB(176, 151, 186) contains.

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Color

R_YB(176, 151, 186)

Conversions

Conversions Part 1

Format	Color
Hex	B097BA
RGB	176, 151, 186
RGB Percent	69%, 59%, 73%
CMY	0.3098, 0.4078, 0.2706
CMYK	0.05, 0.19, 0.00, 0.27
HSL	283°, 20%, 66%
HSV	283°, 19%, 73%
XYZ	37.8340, 34.9085, 51.1983
YIQ	162.4650, 3.6650, 16.1850

Conversions

Conversions Part 2

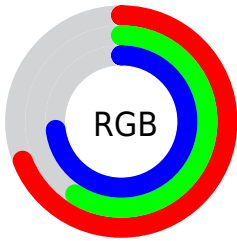
Format	Color
RYB	176, 151, 186
Decimal	11573178
CIELab	65.68, 15.75, -14.70
CIELCh	66, 21.543, 316.971
Yxy	34.9085, 0.3053, 0.2817
Android (android.graphics.Color)	4289763258 (0xFFB097BA)
YUV	162.4650, 11.6028, 11.8702
Hunter-Lab	59.0834, 10.9064, -10.0189

Details

The RYB color **176, 151, 186** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **151, 186, 176**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **232, 205, 242**, and **123, 100, 133** is the 20% darker color. If you saturate the color by 10%, you get **171, 132, 186**, and if you desaturate by 10%, it is **181, 170, 186**.

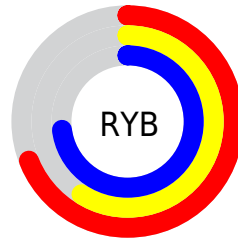
Distribution



Red (69%)

Green (59%)

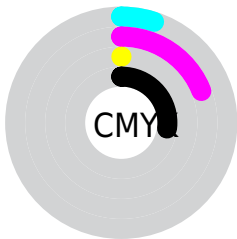
Blue (73%)



Red (69%)

Yellow (59%)

Blue (73%)

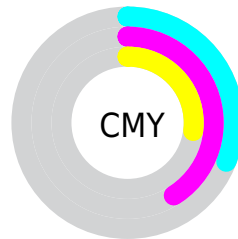


Cyan (5%)

Magenta (19%)

Yellow (0%)

Black (27%)



Cyan (31%)

Magenta (41%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 176, 151, 186 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 176, 151, 186 by changing the saturation by 10% instead.

 176, 151, 186

255, 255, 255

 232, 205, 242

 255, 234, 255


 176, 151, 186

 149, 125, 159

 123, 100, 133

 98, 76, 108

 74, 53, 83

 51, 31, 60

 30, 10, 38

 0, 1, 16

 0, 0, 0

 176, 151, 186

 176, 151, 186

171, 132, 186

181, 170, 186

165, 114, 186

186, 188, 187

160, 95, 186

186, 207, 201

155, 77, 186

186, 225, 214

149, 58, 186

186, 244, 227

144, 39, 186

186, 255, 233

139, 21, 186

186, 255, 228

133, 2, 186

186, 255, 222

133, 0, 186

186, 255, 217

Harmonies

Analogous

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



152, 157, 196



176, 151, 186



193, 147, 169

Triad

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



176, 151, 186



171, 182, 122



106, 138, 170

Complementary

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



176, 151, 186



151, 186, 176

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.



120, 151, 170



176, 151, 186



123, 163, 122

Square

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



176, 151, 186



195, 155, 132



133, 167, 159



108, 142, 187

Rectangle

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



176, 151, 186



198, 146, 156



133, 167, 159



109, 142, 171

Sweetspot

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



176, 151, 186



238, 228, 242



151, 159, 186



120, 114, 122



250, 250, 250



122, 122, 122

Same Dimension

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



176, 151, 186



226, 187, 242



186, 151, 179



89, 83, 92



111, 0, 156



20, 0, 28

Inverse Universe

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



186, 151, 161



242, 187, 202



151, 180, 186



92, 83, 85



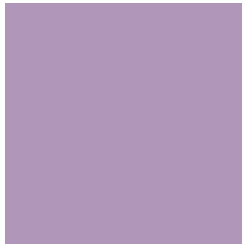
156, 0, 44



28, 0, 8

Previews

White Background



This preview shows how the RYB color 176, 151, 186 looks on a white background.

Color Contrast Check

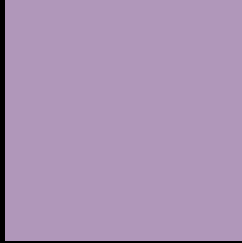
Large Text (above 18pt) WCAG AA × Fail

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 176, 151, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

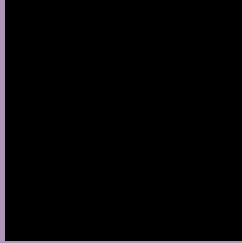
Any Text WCAG AA ✓ Pass

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 176, 151, 186 Background



This preview shows how black text looks on a background with the RYB color 176, 151, 186.



This preview shows how white text looks on a background with the RYB color 176, 151, 186.

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
176, 151, 186

Protanopia
153, 157, 191

Deuteranopia
163, 156, 185



Tritanopia
173, 154, 167

Trichromacy



Original Color
176, 151, 186

Protanomaly
161, 155, 189

Deuteranomaly
168, 154, 185

Tritanomaly
174, 153, 174

Monochromacy



Original Color
176, 151, 186

Achromatopsia
162, 162, 162

Achromatomaly
167, 158, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 176, 151, 186 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(176, 151, 186)` looks like.

```
.text, #text, p{  
    color:rgb(176, 151, 186)  
}
```

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(176, 151, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 151, 186) }
```

Border

The CSS property to change the border of an element to RYB 176, 151, 186 is called "border". The border property can be set on classes, ids or directly on the HTML element.

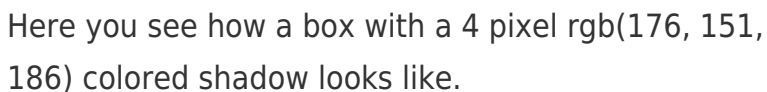
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 151, 186) }
```

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

```
.border{ border-color:rgb(176, 151, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 151, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 151, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 151, 186); box-shadow:4px 4px 4px 4px rgb(176, 151, 186) }
```

Background

The CSS property to change the background color of an element to RYB 176, 151, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 151, 186) }
```

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

```
.background{ background-color: rgb(176,  
151, 186) }
```

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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