

Converting Colors

`RYB(177, 152, 186)`

Have a look what the booklet for
RYB(177, 152, 186) contains.

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Color

R_YB(177, 152, 186)

Conversions

Conversions Part 1

Format	Color
Hex	B198BA
RGB	177, 152, 186
RGB Percent	69%, 60%, 73%
CMY	0.3059, 0.4039, 0.2706
CMYK	0.05, 0.18, 0.00, 0.27
HSL	284°, 20%, 66%
HSV	284°, 18%, 73%
XYZ	38.2226, 35.3488, 51.2628
YIQ	163.3510, 3.9860, 15.8740

Conversions

Conversions Part 2

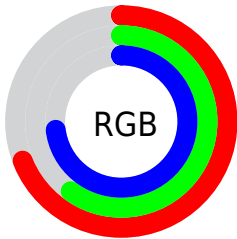
Format	Color
RYB	177, 152, 186
Decimal	11638970
CIELab	66.02, 15.53, -14.18
CIELCh	66, 21.026, 317.608
Yxy	35.3488, 0.3062, 0.2832
Android (android.graphics.Color)	4289829050 (0xFFB198BA)
YUV	163.3510, 11.1660, 11.9702
Hunter-Lab	59.4548, 10.7091, -9.5023

Details

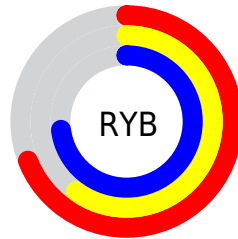
The RYB color **177, 152, 186** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **152, 186, 177**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **233, 206, 242**, and **124, 101, 133** is the 20% darker color. If you saturate the color by 10%, you get **172, 133, 186**, and if you desaturate by 10%, it is **182, 171, 186**.

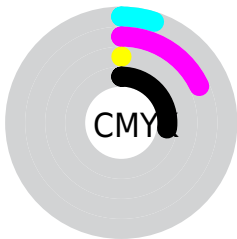
Distribution



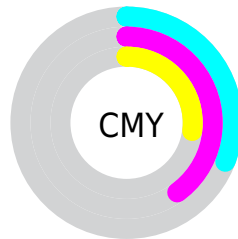
- Red (69%)
- Green (60%)
- Blue (73%)



- Red (69%)
- Yellow (60%)
- Blue (73%)



- Cyan (5%)
- Magenta (18%)
- Yellow (0%)
- Black (27%)



- Cyan (31%)
- Magenta (40%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 177, 152, 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 177, 152, 186 by changing the saturation by 10% instead.


 177, 152, 186


255, 255, 255

 233, 206, 242

 255, 235, 255

 177, 152, 186

 150, 126, 159

 124, 101, 133

 99, 77, 108


 75, 54, 83


 52, 32, 60

 30, 11, 38

 0, 1, 17

 0, 0, 0

 177, 152, 186

 177, 152, 186

172, 133, 186

182, 171, 186

167, 115, 186

186, 189, 188

162, 96, 186

186, 208, 202

157, 78, 186

186, 226, 215

152, 59, 186

186, 245, 229

147, 40, 186

186, 255, 234

143, 22, 186

186, 255, 230

138, 3, 186

186, 255, 225

137, 0, 186

186, 255, 220

Harmonies

Analogous

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



153, 157, 196



177, 152, 186



193, 148, 169

Triad

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



177, 152, 186



168, 182, 124



109, 140, 171

Complementary

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



177, 152, 186



152, 186, 177

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.



121, 152, 171



177, 152, 186



124, 163, 124

Square

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



177, 152, 186



195, 158, 133



135, 168, 162



110, 144, 188

Rectangle

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



177, 152, 186



199, 147, 156



135, 168, 162



112, 143, 171

Sweetspot

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



177, 152, 186



239, 230, 242



152, 159, 186



120, 115, 122



250, 250, 250



122, 122, 122

Same Dimension

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



177, 152, 186



228, 189, 242



186, 152, 178



89, 83, 92



114, 0, 156



21, 0, 28

Inverse Universe

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



186, 152, 161



242, 189, 203



152, 180, 186



92, 83, 85



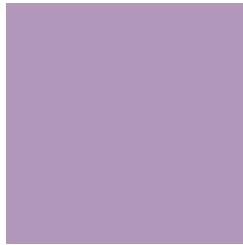
156, 0, 41



28, 0, 7

Previews

White Background



This preview shows how the RYB color 177, 152, 186 looks on a white background.

Color Contrast Check

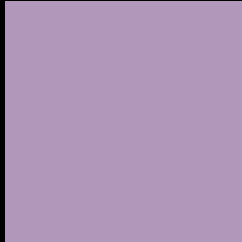
Large Text (above 18pt) WCAG AA × Fail

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 177, 152, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

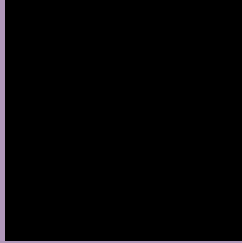
Any Text WCAG AA ✓ Pass

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 177, 152, 186 Background



This preview shows how black text looks on a background with the RYB color 177, 152, 186.



This preview shows how white text looks on a background with the RYB color 177, 152, 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


[177](#), [152](#), [186](#)

Protanopia

[154](#), [158](#), [191](#)

Deuteranopia

[164](#), [157](#), [185](#)



Tritanopia
174, 155, 167

Trichromacy



Original Color
177, 152, 186

Protanomaly
162, 156, 189

Deuteranomaly
169, 155, 185

Tritanomaly
175, 154, 174

Monochromacy



Original Color
177, 152, 186

Achromatopsia
163, 163, 163

Achromatomaly
168, 159, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 177, 152, 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(177, 152, 186)` looks like.

```
.text, #text, p{  
    color:rgb(177, 152, 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(177, 152, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 152, 186) }
```

Border

The CSS property to change the border of an element to RYB 177, 152, 186 is called "border". The border property can be set on classes, ids or directly on the HTML element.

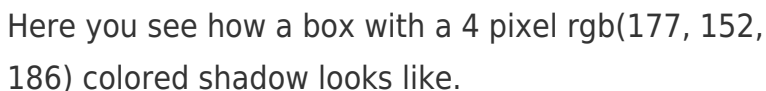
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 152, 186) }
```

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

```
.border{ border-color:rgb(177, 152, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 152, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 152, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 152, 186); box-shadow:4px 4px 4px 4px rgb(177, 152, 186) }
```

Background

The CSS property to change the background color of an element to RYB 177, 152, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 152, 186) }
```

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

```
.background{ background-color: rgb(177,  
152, 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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