

Converting Colors

`RYB(177, 153, 184)`

Have a look what the booklet for
RYB(177, 153, 184) contains.

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Color

R_YB(177, 153, 184)

Conversions

Conversions Part 1

Format	Color
Hex	B199B8
RGB	177, 153, 184
RGB Percent	69%, 60%, 72%
CMY	0.3059, 0.4000, 0.2784
CMYK	0.04, 0.17, 0.00, 0.28
HSL	286°, 18%, 66%
HSV	286°, 17%, 72%
XYZ	38.1744, 35.5903, 50.2050
YIQ	163.7100, 4.3530, 14.7290

Conversions

Conversions Part 2

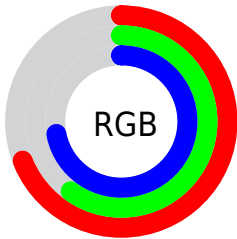
Format	Color
RYB	177, 153, 184
Decimal	11639224
CIELab	66.21, 14.57, -12.78
CIElCh	66, 19.379, 318.752
Yxy	35.5903, 0.3079, 0.2871
Android (android.graphics.Color)	4289829304 (0xFFB199B8)
YUV	163.7100, 10.0030, 11.6553
Hunter-Lab	59.6576, 9.8200, -8.1354

Details

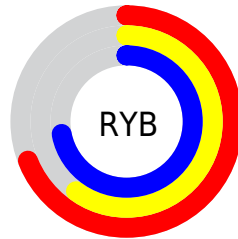
The RYB color **177, 153, 184** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **153, 184, 177**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **233, 207, 240**, and **124, 102, 131** is the 20% darker color. If you saturate the color by 10%, you get **173, 135, 184**, and if you desaturate by 10%, it is **181, 171, 184**.

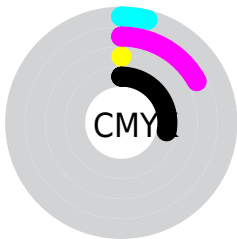
Distribution



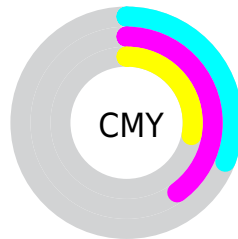
- Red (69%)
- Green (60%)
- Blue (72%)



- Red (69%)
- Yellow (60%)
- Blue (72%)



- Cyan (4%)
- Magenta (17%)
- Yellow (0%)
- Black (28%)



- Cyan (31%)
- Magenta (40%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 177, 153, 184 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, 153, 184 by changing the saturation by 10% instead.

 177, 153, 184


255, 255, 255

 233, 207, 240


 255, 236, 255

 177, 153, 184


 150, 127, 157


 124, 102, 131

 99, 78, 106

 75, 55, 82

 52, 33, 58

 31, 12, 37

 0, 1, 15

 0, 0, 0

 177, 153, 184

 177, 153, 184

173, 135, 184

181, 171, 184

169, 116, 184

184, 190, 189

165, 98, 184

184, 208, 203

160, 79, 184

184, 227, 217

156, 61, 184

184, 245, 231

152, 43, 184

184, 255, 237

148, 24, 184

184, 255, 233

144, 6, 184

184, 255, 229

142, 0, 184

184, 255, 225

Harmonies

Analogous

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



155, 159, 194



177, 153, 184



192, 149, 168

Triad

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



177, 153, 184



165, 180, 127



114, 143, 171

Complementary

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



177, 153, 184



153, 184, 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.



125, 153, 171



177, 153, 184



128, 163, 128

Square

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



177, 153, 184



193, 159, 135



138, 168, 163



116, 146, 186

Rectangle

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



177, 153, 184



197, 149, 156



138, 168, 163



116, 145, 171

Sweetspot

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



177, 153, 184



237, 228, 240



153, 159, 184



118, 113, 120



247, 247, 247



120, 120, 120

Same Dimension

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



177, 153, 184



229, 192, 240



184, 153, 176



90, 83, 92



120, 0, 156



22, 0, 28

Inverse Universe

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



184, 153, 160



240, 192, 203



153, 178, 184



92, 83, 85



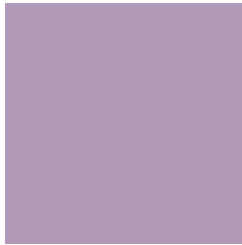
156, 0, 35



28, 0, 6

Previews

White Background



This preview shows how the RYB color 177, 153, 184 looks on a white background.

Color Contrast Check

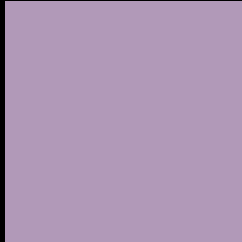
Large Text (above 18pt) WCAG AA × Fail

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, 153, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

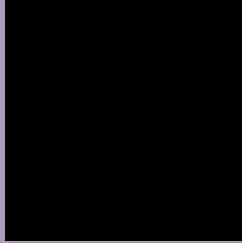
Any Text WCAG AA ✓ Pass

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, 153, 184 Background



This preview shows how black text looks on a background with the RYB color 177, 153, 184.



This preview shows how white text looks on a background with the RYB color 177, 153, 184.

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, 153, 184

Protanopia
156, 160, 188

Deuteranopia
166, 157, 183



Tritanopia
175, 156, 168

Trichromacy



Original Color
177, 153, 184

Protanomaly
164, 157, 187

Deuteranomaly
170, 156, 183

Tritanomaly
176, 155, 174

Monochromacy



Original Color
177, 153, 184

Achromatopsia
164, 164, 164

Achromatomaly
169, 160, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 177, 153, 184 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, 153, 184)` looks like.

```
.text, #text, p{  
    color:rgb(177, 153, 184)  
}
```

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, 153, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 153, 184) }
```

Border

The CSS property to change the border of an element to RYB 177, 153, 184 is called "border". The border property can be set on classes, ids or directly on the HTML element.

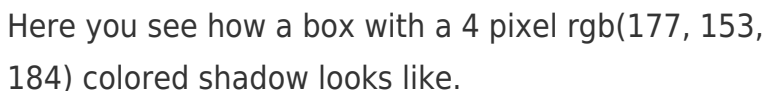
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 153, 184) }
```

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

```
.border{ border-color:rgb(177, 153, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 153, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 153, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 153, 184);  
box-shadow:4px 4px 4px 4px rgb(177, 153,  
184) }
```

Background

The CSS property to change the background color of an element to RYB 177, 153, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 153, 184) }
```

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

```
.background{ background-color: rgb(177,  
153, 184) }
```

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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