

Converting Colors

`RYB(177, 123, 158)`

Have a look what the booklet for
RYB(177, 123, 158) contains.

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Color

R_YB(177, 123, 158)

Conversions

Conversions Part 1

Format	Color
Hex	B17B9E
RGB	177, 123, 158
RGB Percent	69%, 48%, 62%
CMY	0.3059, 0.5176, 0.3804
CMYK	0.00, 0.31, 0.11, 0.31
HSL	321°, 26%, 59%
HSV	321°, 31%, 69%
XYZ	31.3860, 25.9817, 35.7085
YIQ	143.1360, 20.9490, 22.3330

Conversions

Conversions Part 2

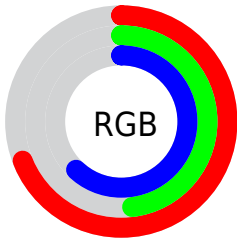
Format	Color
RYB	177, 123, 158
Decimal	11631518
CIELab	58.02, 26.55, -10.30
CIELCh	58, 28.475, 338.790
Yxy	25.9817, 0.3372, 0.2791
Android (android.graphics.Color)	4289821598 (0xFFB17B9E)
YUV	143.1360, 7.3280, 29.6987
Hunter-Lab	50.9722, 20.7095, -5.8550

Details

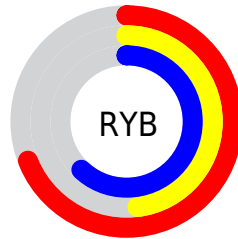
The RYB color **177, 123, 158** is a light color, and the websafe version is hex **996699**. A complement of this color would be **123, 163, 177**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **233, 176, 213**, and **123, 73, 107** is the 20% darker color. If you saturate the color by 10%, you get **177, 105, 152**, and if you desaturate by 10%, it is **177, 141, 164**.

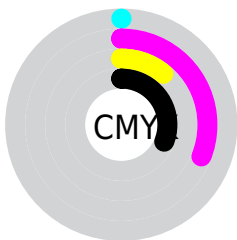
Distribution



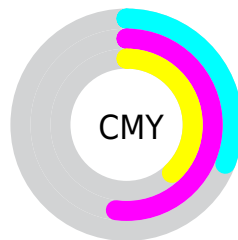
- Red (69%)
- Green (48%)
- Blue (62%)



- Red (69%)
- Yellow (48%)
- Blue (62%)



- Cyan (0%)
- Magenta (31%)
- Yellow (11%)
- Black (31%)



- Cyan (31%)
- Magenta (52%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the RYB color 177, 123, 158 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, 123, 158 by changing the saturation by 10% instead.

 177, 123, 158

255, 255, 255

 233, 176, 213


 255, 204, 241

 255, 232, 255

 177, 123, 158

 150, 98, 132

 123, 73, 107


 98, 50, 82

 73, 27, 59

 49, 4, 38


 28, 0, 16

 0, 0, 0

 177, 123, 158

 177, 105, 152

 177, 123, 158

 177, 141, 164

177, 88, 146

177, 158, 170

177, 70, 139

177, 176, 177

177, 52, 133

177, 190, 194

177, 35, 127

177, 202, 211

177, 17, 121

177, 216, 229

177, 0, 115

177, 229, 247

177, 233, 255

177, 230, 255

Harmonies

Analogous

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



152, 130, 178



177, 123, 158



188, 121, 133

Triad

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



177, 123, 158



101, 149, 90



54, 107, 170

Complementary

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



177, 123, 158



123, 163, 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.



64, 110, 153



177, 123, 158



100, 147, 125

Square

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



177, 123, 158



172, 170, 93



92, 132, 152



78, 120, 185

Rectangle

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



177, 123, 158



188, 122, 117



92, 132, 152



53, 105, 163

Sweetspot

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



177, 123, 158



230, 209, 222



142, 123, 177



115, 102, 110



242, 242, 242



115, 115, 115

Same Dimension

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



177, 123, 158



230, 145, 200



177, 123, 131



89, 80, 86



153, 0, 99



26, 0, 17

Inverse Universe

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



177, 123, 158



230, 145, 200



123, 152, 177



89, 80, 86



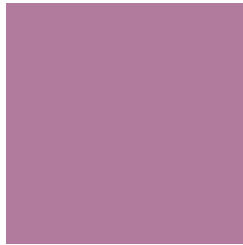
153, 0, 99



26, 0, 17

Previews

White Background



This preview shows how the RYB color 177, 123, 158 looks on a white background.

Color Contrast Check

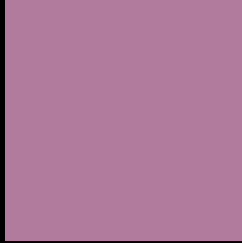
Large Text (above 18pt) WCAG AA ✓ Pass

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, 123, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

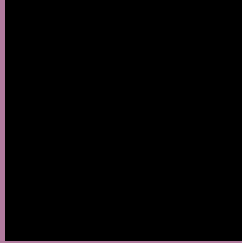
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 177, 123, 158 Background



This preview shows how black text looks on a background with the RYB color 177, 123, 158.



This preview shows how white text looks on a background with the RYB color 177, 123, 158.

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, 123, 158

Protanopia

133, 137, 168

Deuteranopia

146, 136, 156



Tritanopia

174, 127, 137

Trichromacy



Original Color
177, 123, 158

Protanomaly
149, 133, 164

Deuteranomaly
157, 131, 157

Tritanomaly
175, 126, 145

Monochromacy



Original Color
177, 123, 158

Achromatopsia
143, 143, 143

Achromatomaly
155, 136, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 177, 123, 158 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, 123, 158)` looks like.

```
.text, #text, p{  
    color:rgb(177, 123, 158)  
}
```

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, 123, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 123, 158) }
```

Border

The CSS property to change the border of an element to RYB 177, 123, 158 is called "border". The border property can be set on classes, ids or directly on the HTML element.

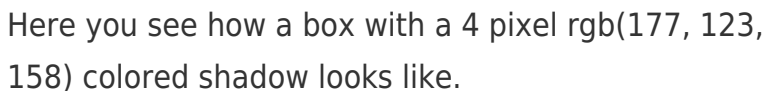
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 123, 158) }
```

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

```
.border{ border-color:rgb(177, 123, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 123, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 123, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 123, 158); box-shadow:4px 4px 4px 4px rgb(177, 123, 158) }
```

Background

The CSS property to change the background color of an element to RYB 177, 123, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 123, 158) }
```

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

```
.background{ background-color: rgb(177,  
123, 158) }
```

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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