

Converting Colors

`RYB(179, 123, 172)`

Have a look what the booklet for RYB(179, 123, 172) contains.

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Color

R_YB(179, 123, 172)

Conversions

Conversions Part 1

Format	Color
Hex	B37BAC
RGB	179, 123, 172
RGB Percent	70%, 48%, 67%
CMY	0.2980, 0.5176, 0.3255
CMYK	0.00, 0.31, 0.04, 0.30
HSL	308°, 27%, 59%
HSV	308°, 31%, 70%
XYZ	33.1198, 26.7282, 42.4432
YIQ	145.3300, 17.6470, 27.1110

Conversions

Conversions Part 2

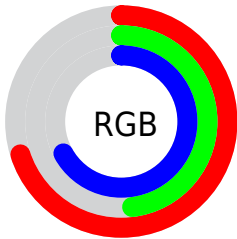
Format	Color
RYB	179, 123, 172
Decimal	11762604
CIELab	58.72, 29.77, -17.27
CIELCh	59, 34.415, 329.884
Yxy	26.7282, 0.3238, 0.2613
Android (android.graphics.Color)	4289952684 (0xFFB37BAC)
YUV	145.3300, 13.1483, 29.5286
Hunter-Lab	51.6993, 23.8774, -12.4853

Details

The RYB color **179, 123, 172** is a light color, and the websafe version is hex **996699**. A complement of this color would be **123, 173, 179**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **235, 176, 227**, and **125, 73, 120** is the 20% darker color. If you saturate the color by 10%, you get **179, 105, 170**, and if you desaturate by 10%, it is **179, 141, 174**.

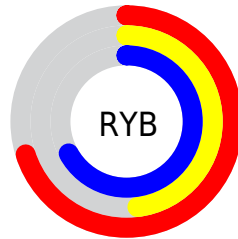
Distribution



Red (70%)

Green (48%)

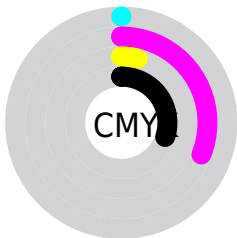
Blue (67%)



Red (70%)

Yellow (48%)

Blue (67%)

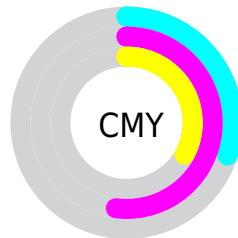


Cyan (0%)

Magenta (31%)

Yellow (4%)

Black (30%)



Cyan (30%)

Magenta (52%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 179, 123, 172 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 179, 123, 172 by changing the saturation by 10% instead.


 179, 123, 172

255, 255, 255

 235, 176, 227

 255, 204, 255

 255, 232, 255


 179, 123, 172


 152, 98, 145

 125, 73, 120

 100, 49, 95

 75, 26, 71

 51, 2, 48

 31, 0, 28

 0, 0, 0

 179, 123, 172


 179, 105, 170


 179, 123, 172


 179, 141, 174

 179, 87, 168

 179, 159, 176

 179, 69, 165


 179, 177, 179

 179, 51, 163

 179, 193, 195

 179, 34, 161

 179, 209, 213

 179, 16, 159

 179, 225, 230

 179, 0, 157

 179, 240, 248

 179, 245, 255

 179, 244, 255

Harmonies

Analogous

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



144, 133, 194



179, 123, 172



197, 118, 143

Triad

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



179, 123, 172



110, 161, 80



0, 82, 170

Complementary

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



179, 123, 172



123, 173, 179

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.



49, 108, 157



179, 123, 172



88, 148, 106

Square

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



179, 123, 172



185, 156, 90



93, 141, 154



34, 102, 193

Rectangle

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



179, 123, 172



200, 118, 122



93, 141, 154



0, 79, 161

Sweetspot

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



179, 123, 172



232, 211, 229



130, 123, 179



117, 104, 116



245, 245, 245



117, 117, 117

Same Dimension

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



179, 123, 172



232, 144, 221



179, 123, 144



89, 80, 88



153, 0, 134



26, 0, 22

Inverse Universe

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



179, 123, 172



232, 144, 221



123, 157, 179



89, 80, 88



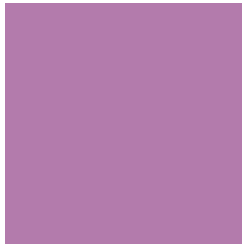
153, 0, 134



26, 0, 22

Previews

White Background



This preview shows how the RYB color 179, 123, 172 looks on a white background.

Color Contrast Check

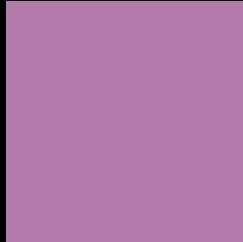
Large Text (above 18pt) WCAG AA ✓ Pass

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 179, 123, 172 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](#).

RYP 179, 123, 172 Background



This preview shows how black text looks on a background with the RYB color 179, 123, 172.



This preview shows how white text looks on a background with the RYB color 179, 123, 172.

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
179, 123, 172

Protanopia
130, 138, 184

Deuteranopia
142, 138, 169



Tritanopia

175, 129, 139

Trichromacy



Original Color
179, 123, 172

Protanomaly
148, 134, 180

Deuteranomaly
155, 133, 170

Tritanomaly
176, 127, 151

Monochromacy



Original Color
179, 123, 172

Achromatopsia
145, 145, 145

Achromatomaly
157, 137, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 179, 123, 172 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(179, 123, 172)` looks like.

```
.text, #text, p{  
    color:rgb(179, 123, 172)  
}
```

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(179, 123, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 123, 172) }
```

Border

The CSS property to change the border of an element to RYB 179, 123, 172 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(179, 123, 172) }
```

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

```
.border{ border-color:rgb(179, 123, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 123, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 123, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 123, 172);  
box-shadow:4px 4px 4px 4px rgb(179, 123,  
172) }
```

Background

The CSS property to change the background color of an element to RYB 179, 123, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 123, 172) }
```

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

```
.background{ background-color: rgb(179,  
123, 172) }
```

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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