

Converting Colors

`RYB(183, 123, 156)`

Have a look what the booklet for
RYB(183, 123, 156) contains.

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Color

R_YB(183, 123, 156)

Conversions

Conversions Part 1

Format	Color
Hex	B77B9C
RGB	183, 123, 156
RGB Percent	72%, 48%, 61%
CMY	0.2824, 0.5176, 0.3882
CMYK	0.00, 0.33, 0.15, 0.28
HSL	327°, 29%, 60%
HSV	327°, 33%, 72%
XYZ	32.6121, 26.6335, 34.8744
YIQ	144.7020, 25.1670, 22.9830

Conversions

Conversions Part 2

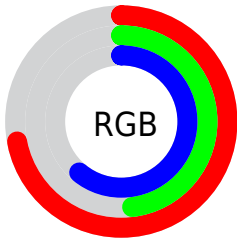
Format	Color
RYB	183, 123, 156
Decimal	12024732
CIELab	58.63, 28.34, -8.16
CIElCh	59, 29.495, 343.937
Yxy	26.6335, 0.3465, 0.2830
Android (android.graphics.Color)	4290214812 (0xFFB77B9C)
YUV	144.7020, 5.5699, 33.5873
Hunter-Lab	51.6077, 22.4852, -3.9405

Details

The RYB color **183, 123, 156** is a light color, and the websafe version is hex **996699**. A complement of this color would be **123, 164, 183**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **240, 176, 210**, and **129, 73, 105** is the 20% darker color. If you saturate the color by 10%, you get **183, 105, 148**, and if you desaturate by 10%, it is **183, 141, 164**.

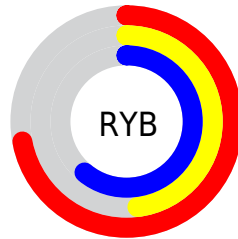
Distribution



Red (72%)

Green (48%)

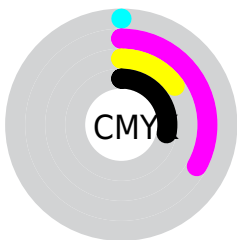
Blue (61%)



Red (72%)

Yellow (48%)

Blue (61%)

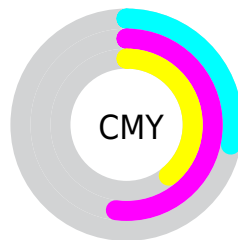


Cyan (0%)

Magenta (33%)

Yellow (15%)

Black (28%)



Cyan (28%)

Magenta (52%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 123, 156 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 183, 123, 156 by changing the saturation by 10% instead.

 183, 123, 156

255, 255, 255

 240, 176, 210

 255, 204, 239


 255, 232, 255

 183, 123, 156

 156, 98, 130

 129, 73, 105

 103, 49, 81

 78, 26, 58

 54, 3, 36

 34, 0, 15

 0, 0, 0

 183, 123, 156

 183, 105, 148

 183, 123, 156

 183, 141, 164

183, 86, 140

183, 160, 172

183, 68, 131

183, 178, 181

183, 50, 123

183, 192, 196

183, 32, 115

183, 205, 215

183, 13, 107

183, 218, 233

183, 0, 101

183, 230, 251

183, 230, 255

183, 227, 255

Harmonies

Analogous

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



159, 130, 178



183, 123, 156



192, 122, 130

Triad

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



183, 123, 156



94, 147, 90



52, 108, 176

Complementary

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



183, 123, 156



123, 164, 183

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.



57, 107, 155



183, 123, 156



103, 150, 135

Square

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



183, 123, 156



158, 171, 92



86, 129, 154



83, 123, 190

Rectangle

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



183, 123, 156



190, 126, 113



86, 129, 154



48, 105, 169

Sweetspot

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



183, 123, 156



237, 213, 226



150, 123, 183



120, 105, 113



247, 247, 247



120, 120, 120

Same Dimension

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



183, 123, 156



237, 145, 196



183, 123, 126



92, 83, 88



156, 0, 86



28, 0, 15

Inverse Universe

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



183, 123, 156



237, 145, 196



123, 154, 183



92, 83, 88



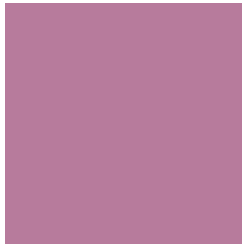
156, 0, 86



28, 0, 15

Previews

White Background



This preview shows how the RYB color 183, 123, 156 looks on a white background.

Color Contrast Check

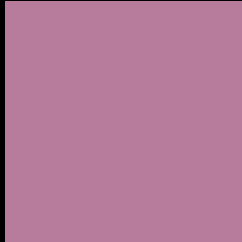
Large Text (above 18pt) WCAG AA ✓ Pass

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 183, 123, 156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

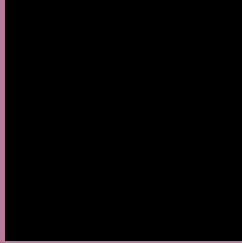
Any Text WCAG AA ✓ Pass

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 183, 123, 156 Background



This preview shows how black text looks on a background with the RYB color 183, 123, 156.

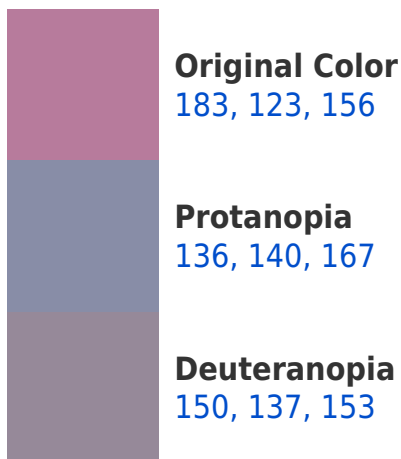


This preview shows how white text looks on a background with the RYB color 183, 123, 156.

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





Tritanopia
181, 127, 136

Trichromacy



Original Color
183, 123, 156

Protanomaly
153, 134, 163

Deuteranomaly
162, 132, 154

Tritanomaly
182, 126, 143

Monochromacy



Original Color
183, 123, 156

Achromatopsia
145, 145, 145

Achromatomaly
159, 137, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 123, 156 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(183, 123, 156)` looks like.

```
.text, #text, p{  
    color:rgb(183, 123, 156)  
}
```

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(183, 123, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 123, 156) }
```

Border

The CSS property to change the border of an element to RYB 183, 123, 156 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(183, 123, 156) }
```

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

```
.border{ border-color:rgb(183, 123, 156) }
```

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

Here you see how a box with a 4 pixel rgb(183, 123, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 123, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 123, 156);  
box-shadow:4px 4px 4px 4px rgb(183, 123,  
156) }
```

Background

The CSS property to change the background color of an element to RYB 183, 123, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 123, 156) }
```

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

```
.background{ background-color: rgb(183,  
123, 156) }
```

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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