

Converting Colors

`RYB(183, 101, 172)`

Have a look what the booklet for
RYB(183, 101, 172) contains.

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Color

R_YB(183, 101, 172)

Conversions

Conversions Part 1

Format	Color
Hex	B765AC
RGB	183, 101, 172
RGB Percent	72%, 40%, 67%
CMY	0.2824, 0.6039, 0.3255
CMYK	0.00, 0.45, 0.06, 0.28
HSL	308°, 36%, 56%
HSV	308°, 45%, 72%
XYZ	31.6285, 22.3532, 41.6773
YIQ	133.6120, 26.0810, 39.4650

Conversions

Conversions Part 2

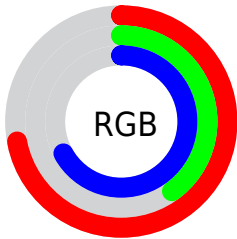
Format	Color
RYB	183, 101, 172
Decimal	12019116
CIELab	54.40, 43.04, -23.84
CIElCh	54, 49.197, 331.021
Yxy	22.3532, 0.3306, 0.2337
Android (android.graphics.Color)	4290209196 (0xFFB765AC)
YUV	133.6120, 18.9253, 43.3133
Hunter-Lab	47.2792, 36.6732, -19.1696

Details

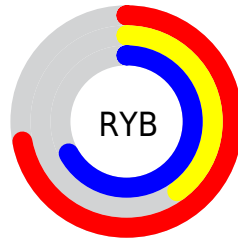
The RYB color **183, 101, 172** is a light color, and the websafe version is hex **996699**. A complement of this color would be **101, 173, 183**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **240, 154, 228**, and **128, 50, 119** is the 20% darker color. If you saturate the color by 10%, you get **183, 83, 170**, and if you desaturate by 10%, it is **183, 119, 174**.

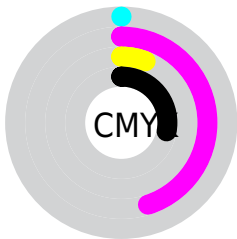
Distribution



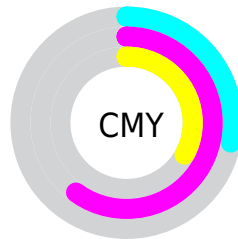
- Red (72%)
- Green (40%)
- Blue (67%)



- Red (72%)
- Yellow (40%)
- Blue (67%)



- Cyan (0%)
- Magenta (45%)
- Yellow (6%)
- Black (28%)



- Cyan (28%)
- Magenta (60%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the RYB color 183, 101, 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 183, 101, 172 by changing the saturation by 10% instead.

 183, 101, 172

255, 255, 255


 240, 154, 228

 255, 182, 255

 255, 210, 255

 255, 239, 255

 183, 101, 172


 155, 75, 145

 128, 50, 119

 102, 23, 95

 76, 0, 71

 52, 0, 48


 25, 0, 27

 0, 0, 0

 183, 101, 172

 183, 83, 170


 183, 101, 172


 183, 119, 174


 183, 64, 167

 183, 138, 177

 183, 46, 165

 183, 156, 179

 183, 28, 162

 183, 174, 182

 183, 9, 160

 183, 192, 193

 183, 0, 158

 183, 208, 211

 183, 224, 229

 183, 239, 247

 183, 245, 255

Harmonies

Analogous

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



133, 118, 203



183, 101, 172



206, 92, 130

Triad

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



183, 101, 172



69, 152, 39



0, 80, 173

Complementary

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



183, 101, 172



101, 173, 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.



0, 81, 151



183, 101, 172



53, 140, 84

Square

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



183, 101, 172



185, 160, 55



47, 119, 148



0, 85, 204

Rectangle

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



183, 101, 172



208, 94, 102



47, 119, 148



0, 77, 159

Sweetspot

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



183, 101, 172



237, 206, 233



112, 101, 183



120, 101, 117



247, 247, 247



120, 120, 120

Same Dimension

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



183, 101, 172



237, 109, 220



183, 101, 131



92, 83, 91



156, 0, 135



28, 0, 24

Inverse Universe

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



183, 101, 172



237, 109, 220



101, 151, 183



92, 83, 91



156, 0, 135



28, 0, 24

Previews

White Background



This preview shows how the RYB color 183, 101, 172 looks on a white background.

Color Contrast Check

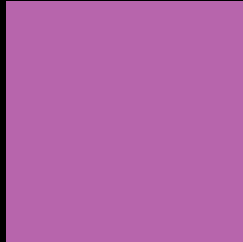
Large Text (above 18pt) WCAG AA ✓ Pass

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 183, 101, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

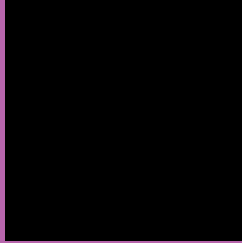
Any Text WCAG AA ✓ Pass

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](#).

RYB 183, 101, 172 Background



This preview shows how black text looks on a background with the RYB color 183, 101, 172.

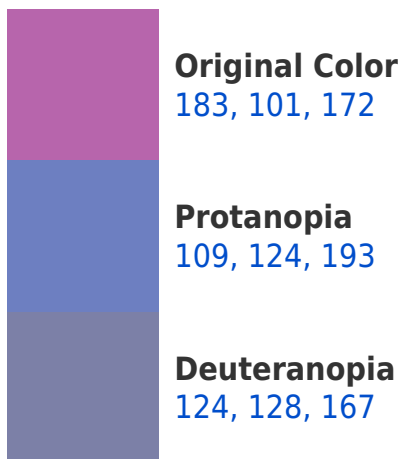


This preview shows how white text looks on a background with the RYB color 183, 101, 172.

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





Tritanopia
177, 112, 121

Trichromacy



Original Color
183, 101, 172

Protanomaly
136, 118, 185

Deuteranomaly
145, 118, 169

Tritanomaly
179, 108, 140

Monochromacy



Original Color
183, 101, 172

Achromatopsia
134, 134, 134

Achromatomaly
152, 122, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 101, 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(183, 101, 172)` looks like.

```
.text, #text, p{  
    color:rgb(183, 101, 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(183, 101, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 101, 172) }
```

Border

The CSS property to change the border of an element to RYB 183, 101, 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(183, 101, 172) }
```

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

```
.border{ border-color:rgb(183, 101, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 101, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 101, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 101, 172);  
box-shadow:4px 4px 4px 4px rgb(183, 101,  
172) }
```

Background

The CSS property to change the background color of an element to RYB 183, 101, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 101, 172) }
```

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

```
.background{ background-color: rgb(183,  
101, 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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