

Converting Colors

`RYB(183, 107, 154)`

Have a look what the booklet for
RYB(183, 107, 154) contains.

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Color

R_YB(183, 107, 154)

Conversions

Conversions Part 1

Format	Color
Hex	B76B9A
RGB	183, 107, 154
RGB Percent	72%, 42%, 60%
CMY	0.2824, 0.5804, 0.3961
CMYK	0.00, 0.42, 0.16, 0.28
HSL	323°, 35%, 57%
HSV	323°, 42%, 72%
XYZ	30.6189, 22.9158, 33.3812
YIQ	135.0820, 30.2090, 30.7290

Conversions

Conversions Part 2

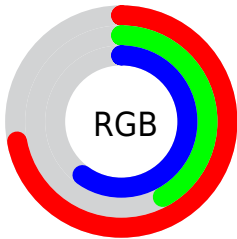
Format	Color
R _Y B	183, 107, 154
Decimal	12020634
CIE Lab	54.99, 36.79, -12.47
CIE LCh	55, 38.842, 341.274
Yxy	22.9158, 0.3523, 0.2637
Android (android.graphics.Color)	4290210714 (0xFFB76B9A)
YUV	135.0820, 9.3266, 42.0241
Hunter-Lab	47.8704, 30.3989, -7.8351

Details

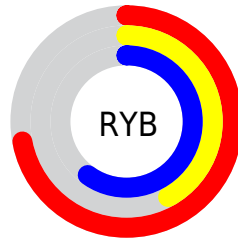
The RYB color **183, 107, 154** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **107, 162, 183**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **240, 160, 208**, and **128, 57, 103** is the 20% darker color. If you saturate the color by 10%, you get **183, 89, 147**, and if you desaturate by 10%, it is **183, 125, 161**.

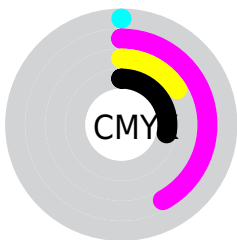
Distribution



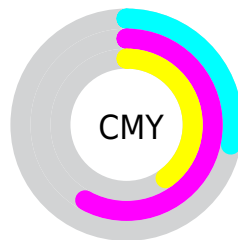
- Red (72%)
- Green (42%)
- Blue (60%)



- Red (72%)
- Yellow (42%)
- Blue (60%)



- Cyan (0%)
- Magenta (42%)
- Yellow (16%)
- Black (28%)



- Cyan (28%)
- Magenta (58%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 107, 154 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, 107, 154 by changing the saturation by 10% instead.

 183, 107, 154

255, 255, 255

 240, 160, 208

 255, 187, 237

 255, 216, 255

 255, 244, 255

 183, 107, 154

 155, 82, 128

 128, 57, 103

 102, 32, 79

 76, 3, 56

 52, 0, 34

 27, 0, 10

 0, 0, 0

 183, 107, 154

 183, 89, 147

 183, 107, 154


 183, 125, 161


 183, 70, 140

 183, 144, 168

 183, 52, 133

 183, 162, 175

 183, 34, 126

 183, 180, 182

 183, 15, 119

 183, 195, 199

 183, 0, 113

 183, 208, 217

 183, 221, 235

 183, 234, 253

 183, 232, 255

Harmonies

Analogous

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



151, 118, 182



183, 107, 154



195, 104, 120

Triad

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



183, 107, 154



71, 140, 64



0, 80, 175

Complementary

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



183, 107, 154



107, 162, 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, 76, 149



183, 107, 154



79, 142, 118

Square

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



183, 107, 154



159, 170, 68



55, 113, 147



0, 82, 195

Rectangle

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



183, 107, 154



194, 108, 99



55, 113, 147



0, 78, 165

Sweetspot

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



183, 107, 154



237, 209, 226



135, 107, 183



120, 103, 113



247, 247, 247



120, 120, 120

Same Dimension

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



183, 107, 154



237, 119, 192



183, 107, 117



92, 83, 88



156, 0, 96



28, 0, 17

Inverse Universe

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



183, 107, 154



237, 119, 192



107, 148, 183



92, 83, 88



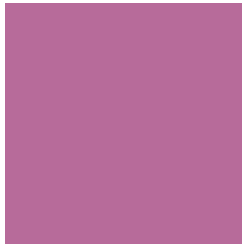
156, 0, 96



28, 0, 17

Previews

White Background



This preview shows how the RYB color 183, 107, 154 looks on a white background.

Color Contrast Check

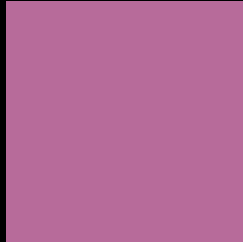
Large Text (above 18pt) WCAG AA ✓ Pass

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, 107, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

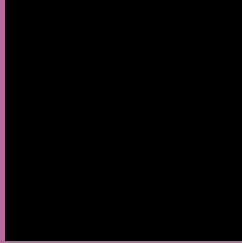
Any Text WCAG AA ✓ Pass

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, 107, 154 Background



This preview shows how black text looks on a background with the RYB color 183, 107, 154.

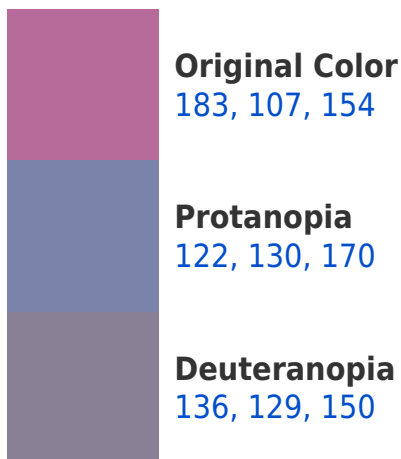



This preview shows how white text looks on a background with the RYB color 183, 107, 154.

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
179, 113, 122

Trichromacy



Original Color

183, 107, 154



Protanomaly

144, 122, 164



Deuteranomaly

153, 121, 151



Tritanomaly

180, 111, 134

Monochromacy



Original Color

183, 107, 154



Achromatopsia

135, 135, 135



Achromatomaly

152, 125, 142

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 107, 154 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, 107, 154)` looks like.

```
.text, #text, p{  
    color:rgb(183, 107, 154)  
}
```

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, 107, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 107, 154) }
```

Border

The CSS property to change the border of an element to RYB 183, 107, 154 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, 107, 154) }
```

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

```
.border{ border-color:rgb(183, 107, 154) }
```

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

Here you see how a box with a 4 pixel rgb(183, 107, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 107, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 107, 154);  
box-shadow:4px 4px 4px 4px rgb(183, 107,  
154) }
```

Background

The CSS property to change the background color of an element to RYB 183, 107, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 107, 154) }
```

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

```
.background{ background-color: rgb(183,  
107, 154) }
```

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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