

Converting Colors

`RYB(188, 103, 152)`

Have a look what the booklet for
RYB(188, 103, 152) contains.

| | |
|--|----|
| RYB(188, 103, 152) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

R_YB(188, 103, 152)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | BC6798 |
| RGB | 188, 103, 152 |
| RGB Percent | 74%, 40%, 60% |
| CMY | 0.2627, 0.5961, 0.4039 |
| CMYK | 0.00, 0.45, 0.19, 0.26 |
| HSL | 325°, 39%, 57% |
| HSV | 325°, 45%, 74% |
| XYZ | 31.2568, 22.6589, 32.4319 |
| YIQ | 134.0010, 34.9310, 33.2590 |

Conversions

Conversions Part 2

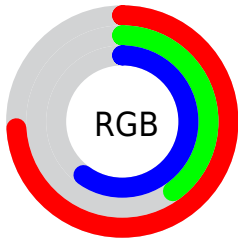
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 188, 103, 152 |
| Decimal | 12347288 |
| CIE _{Lab} | 54.72, 40.30, -11.64 |
| CIE _{LCh} | 55, 41.944, 343.891 |
| Yxy | 22.6589, 0.3620, 0.2624 |
| Android (android.graphics.Color) | 4290537368 (0xFFBC6798) |
| YUV | 134.0010, 8.8735, 47.3571 |
| Hunter-Lab | 47.6013, 33.9074, -7.0748 |

Details

The RYB color **188, 103, 152** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **103, 163, 188**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **246, 156, 206**, and **133, 52, 101** is the 20% darker color. If you saturate the color by 10%, you get **188, 84, 144**, and if you desaturate by 10%, it is **188, 122, 160**.

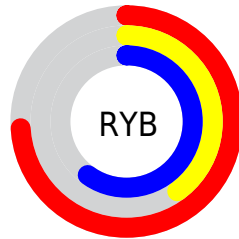
Distribution



Red (74%)

Green (40%)

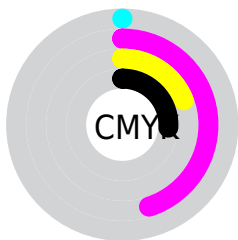
Blue (60%)



Red (74%)

Yellow (40%)

Blue (60%)

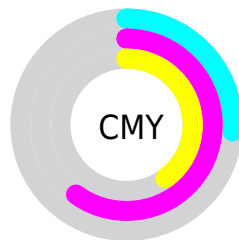


Cyan (0%)

Magenta (45%)

Yellow (19%)

Black (26%)



Cyan (26%)

Magenta (60%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 188, 103, 152 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 188, 103, 152 by changing the saturation by 10% instead.

 188, 103, 152

255, 255, 255

 246, 156, 206

 255, 184, 235

 255, 212, 255

 255, 241, 255

 188, 103, 152

 160, 77, 126

 133, 52, 101

 106, 26, 77

 80, 0, 54

 55, 0, 33

 30, 0, 7

 0, 0, 0

 188, 103, 152

 188, 84, 144

 188, 103, 152

 188, 122, 160

188, 65, 136

188, 141, 168

188, 47, 128

188, 159, 176

188, 28, 120

188, 178, 184

188, 9, 112

188, 194, 197

188, 0, 108

188, 208, 216

188, 221, 235

188, 233, 253

188, 232, 255

Harmonies

Analogous

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



155, 115, 183



188, 103, 152



199, 101, 115

Triad

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



188, 103, 152



60, 136, 58



0, 81, 180

Complementary

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



188, 103, 152



103, 163, 188

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, 75, 149



188, 103, 152



77, 143, 124

Square

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



188, 103, 152



143, 169, 60



35, 103, 148



0, 82, 200

Rectangle

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



188, 103, 152



196, 107, 92



35, 103, 148



0, 79, 170

Sweetspot

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



188, 103, 152



245, 211, 230



138, 103, 188



122, 102, 114



250, 250, 250



122, 122, 122

Same Dimension

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



188, 103, 152



245, 113, 189



188, 103, 110



94, 85, 90



158, 0, 91



31, 0, 18

Inverse Universe

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



188, 103, 152



245, 113, 189



103, 147, 188



94, 85, 90



158, 0, 91



31, 0, 18

Previews

White Background



This preview shows how the RYB color 188, 103, 152 looks on a white background.

Color Contrast Check

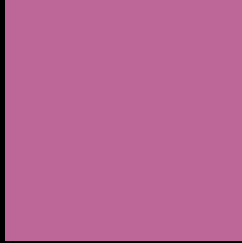
Large Text (above 18pt) WCAG AA ✓ Pass

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 188, 103, 152 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 188, 103, 152 Background



This preview shows how black text looks on a background with the RYB color 188, 103, 152.

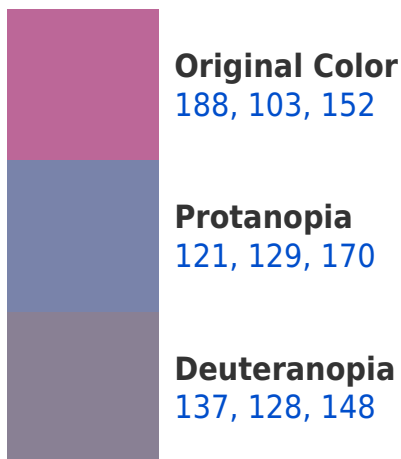


This preview shows how white text looks on a background with the RYB color 188, 103, 152.

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
184, 110, 118

Trichromacy



Original Color
188, 103, 152

Protanomaly
145, 120, 163

Deuteranomaly
156, 119, 149

Tritanomaly
185, 107, 130

Monochromacy



Original Color
188, 103, 152

Achromatopsia
134, 134, 134

Achromatomaly
154, 123, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 188, 103, 152 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(188, 103, 152)` looks like.

```
.text, #text, p{  
    color:rgb(188, 103, 152)  
}
```

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(188, 103, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 103, 152) }
```

Border

The CSS property to change the border of an element to RYB 188, 103, 152 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(188, 103, 152) }
```

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

```
.border{ border-color:rgb(188, 103, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 103, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 103, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 103, 152);  
box-shadow:4px 4px 4px 4px rgb(188, 103,  
152) }
```

Background

The CSS property to change the background color of an element to RYB 188, 103, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 103, 152) }
```

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

```
.background{ background-color: rgb(188,  
103, 152) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor