

Converting Colors

`RYB(203, 107, 193)`

Have a look what the booklet for
RYB(203, 107, 193) contains.

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Color

RYB(203, 107, 193)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | CB6BC1 |
| RGB | 203, 107, 193 |
| RGB Percent | 80%, 42%, 76% |
| CMY | 0.2039, 0.5804, 0.2431 |
| CMYK | 0.00, 0.47, 0.05, 0.20 |
| HSL | 306°, 48%, 61% |
| HSV | 306°, 47%, 80% |
| XYZ | 39.5119, 27.0622, 53.5931 |
| YIQ | 145.5080, 29.6100, 47.0980 |

Conversions

Conversions Part 2

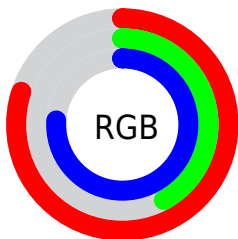
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 203, 107, 193 |
| Decimal | 13331393 |
| CIE Lab | 59.03, 49.75, -28.55 |
| CIE LCh | 59, 57.359, 330.154 |
| Yxy | 27.0622, 0.3288, 0.2252 |
| Android (android.graphics.Color) | 4291521473 (0xFFCB6BC1) |
| YUV | 145.5080, 23.4136, 50.4205 |
| Hunter-Lab | 52.0213, 44.5395, -24.6665 |

Details

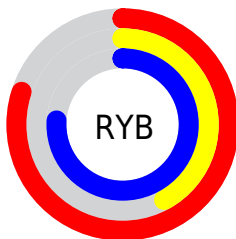
The RYB color **203, 107, 193** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **107, 194, 203**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **255, 161, 250**, and **147, 54, 139** is the 20% darker color. If you saturate the color by 10%, you get **203, 87, 191**, and if you desaturate by 10%, it is **203, 127, 195**.

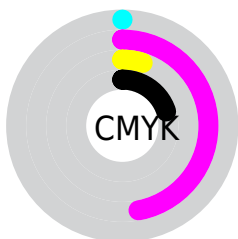
Distribution



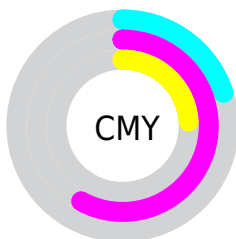
- Red (80%)
- Green (42%)
- Blue (76%)



- Red (80%)
- Yellow (42%)
- Blue (76%)



- Cyan (0%)
- Magenta (47%)
- Yellow (5%)
- Black (20%)



- Cyan (20%)
- Magenta (58%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 203, 107, 193 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 203, 107, 193 by changing the saturation by 10% instead.

 203, 107, 193

255, 255, 255

 255, 161, 250

 255, 189, 255

 255, 218, 255

 255, 247, 255

 203, 107, 193

 175, 81, 166

 147, 54, 139

 119, 25, 113

 93, 0, 89

 67, 0, 65

 45, 0, 43

 0, 0, 20


 0, 0, 0


 203, 107, 193

 203, 107, 193

 203, 87, 191


 203, 127, 195

 203, 66, 189


 203, 148, 197

 203, 46, 187

 203, 168, 199

 203, 26, 185

 203, 188, 201

 203, 6, 182

 203, 208, 209

 203, 0, 182

 203, 226, 229

 203, 244, 249

 203, 249, 255

 203, 247, 255

Harmonies

Analogous

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



142, 129, 230



203, 107, 193



231, 94, 144

Triad

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



203, 107, 193



65, 168, 30



0, 89, 191

Complementary

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



203, 107, 193



107, 194, 203

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, 90, 166



203, 107, 193



47, 154, 83

Square

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



203, 107, 193



207, 172, 53



38, 126, 162



0, 94, 229

Rectangle

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



203, 107, 193



233, 97, 110



38, 126, 162



0, 85, 175

Sweetspot

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



203, 107, 193



255, 219, 251



117, 107, 203



128, 106, 125



0, 0, 0



128, 128, 128

Same Dimension

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



203, 107, 193



255, 110, 240



203, 107, 145



102, 92, 101



166, 0, 148



38, 0, 34

Inverse Universe

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



203, 107, 193



255, 110, 240



107, 167, 203



102, 92, 101



166, 0, 148



38, 0, 34

Previews

White Background



This preview shows how the RYB color 203, 107, 193 looks on a white background.

Color Contrast Check

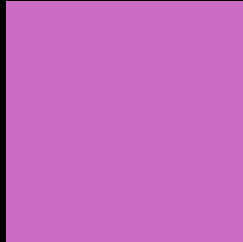
Large Text (above 18pt) WCAG AA ✓ Pass

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 203, 107, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

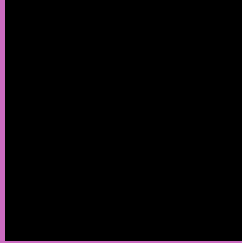
Any Text WCAG AA ✓ Pass

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 203, 107, 193 Background



This preview shows how black text looks on a background with the RYB color 203, 107, 193.

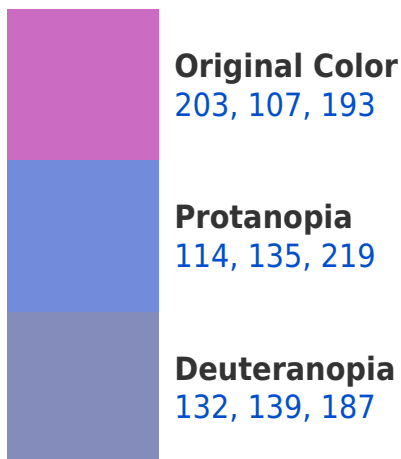



This preview shows how white text looks on a background with the RYB color 203, 107, 193.

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
196, 121, 130

Trichromacy



Original Color

203, 107, 193



Protanomaly

146, 128, 210



Deuteranomaly

158, 128, 189



Tritanomaly

199, 116, 153

Monochromacy



Original Color

203, 107, 193



Achromatopsia

146, 146, 146



Achromatomaly

167, 132, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 203, 107, 193 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(203, 107, 193)` looks like.

```
.text, #text, p{  
    color:rgb(203, 107, 193)  
}
```

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(203, 107, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 107, 193) }
```

Border

The CSS property to change the border of an element to RYB 203, 107, 193 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(203, 107, 193) }
```

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

```
.border{ border-color:rgb(203, 107, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 107, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 107, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 107, 193);  
box-shadow:4px 4px 4px 4px rgb(203, 107,  
193) }
```

Background

The CSS property to change the background color of an element to RGB 203, 107, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 107, 193) }
```

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

```
.background{ background-color: rgb(203,  
107, 193) }
```

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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