

Converting Colors

`RYB(207, 99, 183)`

Have a look what the booklet for RYB(207, 99, 183) contains.

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Color

$\text{RYB}(207, 99, 183)$

Conversions

Conversions Part 1

Format	Color
Hex	CF63B7
RGB	207, 99, 183
RGB Percent	81%, 39%, 72%
CMY	0.1882, 0.6118, 0.2824
CMYK	0.00, 0.52, 0.12, 0.19
HSL	313°, 53%, 60%
HSV	313°, 52%, 81%
XYZ	38.7412, 25.6080, 47.7007
YIQ	140.8680, 37.4040, 49.0200

Conversions

Conversions Part 2

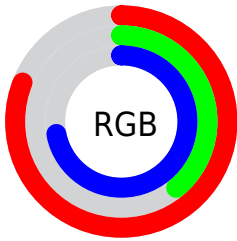
Format	Color
R _Y B	207, 99, 183
Decimal	13591479
CIE Lab	57.66, 53.21, -24.89
CIE LCh	58, 58.744, 334.928
Yxy	25.6080, 0.3457, 0.2285
Android (android.graphics.Color)	4291781559 (0xFFCF63B7)
YUV	140.8680, 20.7711, 57.9978
Hunter-Lab	50.6043, 48.0969, -20.4650

Details

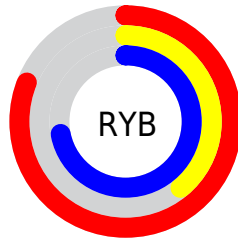
The RYB color **207, 99, 183** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **99, 187, 207**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **255, 154, 239**, and **150, 44, 130** is the 20% darker color. If you saturate the color by 10%, you get **207, 78, 178**, and if you desaturate by 10%, it is **207, 120, 188**.

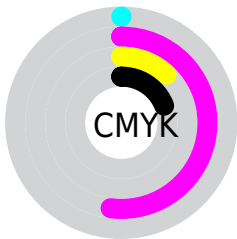
Distribution



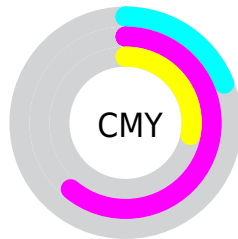
- Red (81%)
- Green (39%)
- Blue (72%)



- Red (81%)
- Yellow (39%)
- Blue (72%)



- Cyan (0%)
- Magenta (52%)
- Yellow (12%)
- Black (19%)



- Cyan (19%)
- Magenta (61%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 99, 183 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 207, 99, 183 by changing the saturation by 10% instead.

 207, 99, 183

 207, 99, 183

255, 255, 255

 178, 72, 156

 255, 154, 239

 150, 44, 130

 255, 182, 255

 123, 7, 104

 255, 210, 255

 96, 0, 80

 255, 239, 255

 69, 0, 57

 46, 0, 35

 0, 0, 9

 0, 0, 0

 207, 99, 183

 207, 99, 183

■ 207, 78, 178

■ 207, 120, 188

■ 207, 58, 174

■ 207, 140, 192

■ 207, 37, 169

■ 207, 161, 197

■ 207, 16, 165

■ 207, 182, 201

■ 207, 0, 161

■ 207, 203, 206

■ 207, 220, 223

■ 207, 237, 244

■ 207, 245, 255

■ 207, 242, 255

Harmonies

Analogous

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



151, 121, 223



207, 99, 183



230, 89, 132

Triad

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



207, 99, 183



41, 157, 20



0, 89, 196

Complementary

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



207, 99, 183



99, 187, 207

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, 86, 163



207, 99, 183



47, 152, 96

Square

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



207, 99, 183



199, 199, 41



0, 101, 160



0, 93, 231

Rectangle

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



207, 99, 183



230, 94, 98



0, 101, 160



0, 86, 180

Sweetspot

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



207, 99, 183



255, 214, 246



122, 99, 207



128, 103, 122



0, 0, 0



128, 128, 128

Same Dimension

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



207, 99, 183



255, 94, 219



207, 99, 130



105, 94, 102



168, 0, 131



41, 0, 32

Inverse Universe

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



207, 99, 183



255, 94, 219



99, 162, 207



105, 94, 102



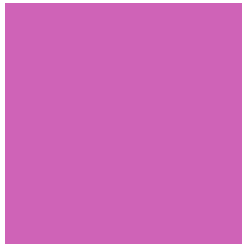
168, 0, 131



41, 0, 32

Previews

White Background



This preview shows how the RYB color 207, 99, 183 looks on a white background.

Color Contrast Check

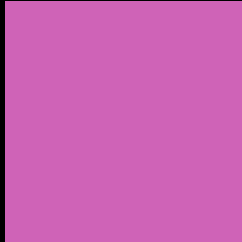
Large Text (above 18pt) WCAG AA ✓ Pass

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 207, 99, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

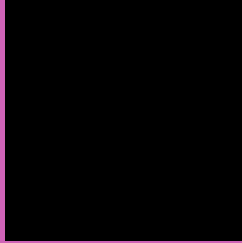
Any Text WCAG AA ✓ Pass

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](#).

RYP 207, 99, 183 Background



This preview shows how black text looks on a background with the RYP color 207, 99, 183.

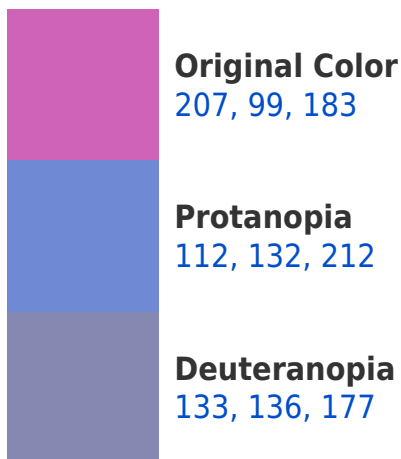



This preview shows how white text looks on a background with the RYP color 207, 99, 183.

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
200, 113, 121

Trichromacy



Original Color

207, 99, 183



Protanomaly

147, 123, 201



Deuteranomaly

160, 123, 179



Tritanomaly

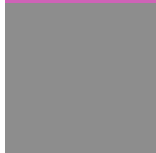
203, 108, 144

Monochromacy



Original Color

207, 99, 183



Achromatopsia

141, 141, 141



Achromatomaly

165, 126, 156

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 99, 183 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(207, 99, 183)` looks like.

```
.text, #text, p{  
    color:rgb(207, 99, 183)  
}
```

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(207, 99, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 99, 183) }
```

Border

The CSS property to change the border of an element to RYB 207, 99, 183 is called "border". The border property can be set on classes, ids or directly on the HTML element.

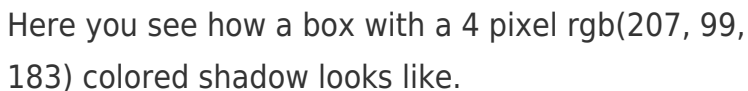
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 99, 183) }
```

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

```
.border{ border-color:rgb(207, 99, 183) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 99, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 99, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 99, 183); box-shadow:4px 4px 4px 4px rgb(207, 99, 183) }
```

Background

The CSS property to change the background color of an element to RGB 207, 99, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 99, 183) }
```

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

```
.background{ background-color: rgb(207, 99,  
183) }
```

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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