

Converting Colors

`RYB(207, 89, 127)`

Have a look what the booklet for
RYB(207, 89, 127) contains.

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Color

R_YB(207, 89, 127)

Conversions

Conversions Part 1

Format	Color
Hex	CF597F
RGB	207, 89, 127
RGB Percent	81%, 35%, 50%
CMY	0.1882, 0.6510, 0.5020
CMYK	0.00, 0.57, 0.39, 0.19
HSL	341°, 55%, 58%
HSV	341°, 57%, 81%
XYZ	33.1353, 21.9425, 22.5676
YIQ	128.6140, 58.1300, 36.8340

Conversions

Conversions Part 2

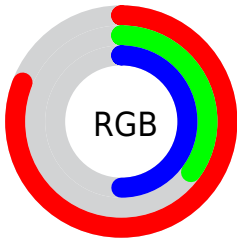
Format	Color
R_{YB}	207, 89, 127
Decimal	13588863
CIE Lab	53.97, 50.32, 2.27
CIE LCh	54, 50.375, 2.584
Yxy	21.9425, 0.4268, 0.2826
Android (android.graphics.Color)	4291778943 (0xFFCF597F)
YUV	128.6140, -0.7957, 68.7445
Hunter-Lab	46.8428, 44.2910, 4.2256

Details

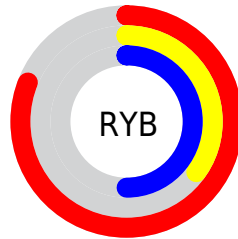
The RYB color **207, 89, 127** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **89, 159, 207**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **255, 143, 180**, and **149, 33, 78** is the 20% darker color. If you saturate the color by 10%, you get **207, 68, 113**, and if you desaturate by 10%, it is **207, 110, 141**.

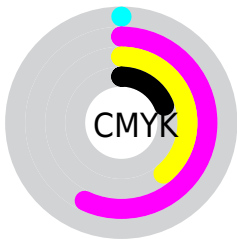
Distribution



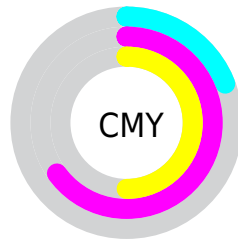
- Red (81%)
- Green (35%)
- Blue (50%)



- Red (81%)
- Yellow (35%)
- Blue (50%)



- Cyan (0%)
- Magenta (57%)
- Yellow (39%)
- Black (19%)



- Cyan (19%)
- Magenta (65%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 89, 127 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, 89, 127 by changing the saturation by 10% instead.

 207, 89, 127

255, 255, 255

 255, 143, 180

 255, 171, 207

 255, 199, 235

 255, 228, 255

 207, 89, 127

 178, 62, 102

 149, 33, 78

 120, 0, 56

 92, 0, 34

 66, 0, 12


 38, 0, 1

 0, 0, 0

 207, 89, 127

 207, 68, 113

 207, 89, 127

 207, 110, 141


 207, 48, 99

 207, 130, 155

 207, 27, 85

 207, 151, 169

 207, 6, 71

 207, 172, 183

 207, 0, 67

 207, 193, 197

 207, 211, 213

 207, 223, 234

 207, 236, 255

 207, 232, 255

Harmonies

Analogous

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



185, 98, 170



207, 89, 127



205, 97, 85

Triad

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



207, 89, 127



51, 140, 87



0, 85, 206

Complementary

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



207, 89, 127



89, 159, 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, 80, 175



207, 89, 127



36, 112, 147

Square

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



207, 89, 127



61, 149, 35



0, 80, 150



33, 98, 216

Rectangle

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



207, 89, 127



193, 129, 61



0, 80, 150



0, 84, 197

Sweetspot

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



207, 89, 127



255, 212, 226



168, 89, 207



128, 102, 110



0, 0, 0



128, 128, 128

Same Dimension

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



207, 89, 127



255, 82, 137



207, 113, 89



105, 94, 97



168, 0, 54



41, 0, 13

Inverse Universe

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



207, 89, 127



255, 82, 137



89, 143, 207



105, 94, 97



168, 0, 54



41, 0, 13

Previews

White Background



This preview shows how the RYB color 207, 89, 127 looks on a white background.

Color Contrast Check

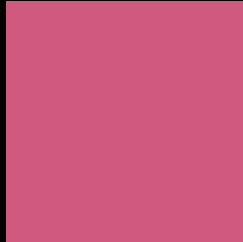
Large Text (above 18pt) WCAG AA ✓ Pass

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, 89, 127 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 207, 89, 127 Background



This preview shows how black text looks on a background with the RYB color 207, 89, 127.



This preview shows how white text looks on a background with the RYB color 207, 89, 127.

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



Original Color
207, 89, 127

Protanopia
125, 128, 151

Deuteranopia
145, 126, 121



Tritanopia
205, 94, 101

Trichromacy



Original Color

207, 89, 127



Protanomaly

155, 114, 142



Deuteranomaly

168, 112, 123



Tritanomaly

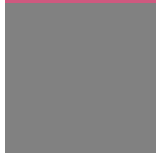
206, 92, 110

Monochromacy



Original Color

207, 89, 127



Achromatopsia

129, 129, 129



Achromatomaly

157, 114, 128

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 89, 127 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, 89, 127)` looks like.

```
.text, #text, p{  
    color:rgb(207, 89, 127)  
}
```

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, 89, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 89, 127) }
```

Border

The CSS property to change the border of an element to RYB 207, 89, 127 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, 89, 127) }
```

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

```
.border{ border-color:rgb(207, 89, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 89, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 89, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 89, 127);  
box-shadow:4px 4px 4px 4px rgb(207, 89,  
127) }
```

Background

The CSS property to change the background color of an element to RGB 207, 89, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 89, 127) }
```

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

```
.background{ background-color: rgb(207, 89,  
127) }
```

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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