

Converting Colors

`RYB(204, 81, 119)`

Have a look what the booklet for
RYB(204, 81, 119) contains.

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Color

$\text{RYB}(204, 81, 119)$

Conversions

Conversions Part 1

Format	Color
Hex	CC5177
RGB	204, 81, 119
RGB Percent	80%, 32%, 47%
CMY	0.2000, 0.6824, 0.5333
CMYK	0.00, 0.60, 0.42, 0.20
HSL	341°, 55%, 56%
HSV	341°, 60%, 80%
XYZ	31.1740, 20.0541, 19.6805
YIQ	122.1090, 61.1100, 37.8940

Conversions

Conversions Part 2

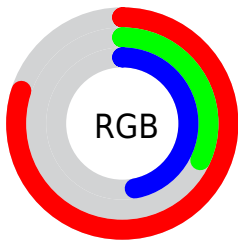
Format	Color
R_{YB}	204, 81, 119
Decimal	13390199
CIE _{Lab}	51.90, 52.15, 3.99
CIE _{LCh}	52, 52.303, 4.370
Yxy	20.0541, 0.4396, 0.2828
Android (android.graphics.Color)	4291580279 (0xFFCC5177)
YUV	122.1090, -1.5327, 71.8184
Hunter-Lab	44.7818, 45.8912, 5.2908

Details

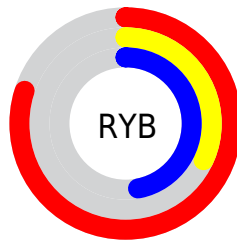
The RYB color **204, 81, 119** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **81, 154, 204**, and the grayscale version is **122, 122, 122**.

A 20% lighter version of the original color is **255, 136, 171**, and **145, 21, 71** is the 20% darker color. If you saturate the color by 10%, you get **204, 61, 105**, and if you desaturate by 10%, it is **204, 101, 133**.

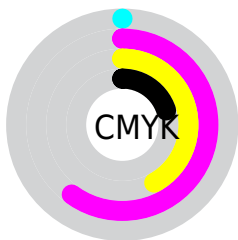
Distribution



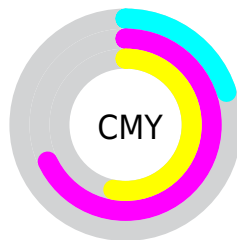
- Red (80%)
- Green (32%)
- Blue (47%)



- Red (80%)
- Yellow (32%)
- Blue (47%)



- Cyan (0%)
- Magenta (60%)
- Yellow (42%)
- Black (20%)



- Cyan (20%)
- Magenta (68%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 204, 81, 119 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 204, 81, 119 by changing the saturation by 10% instead.



204, 81, 119



204, 81, 119

255, 255, 255



174, 53, 94



255, 136, 171



145, 21, 71



255, 163, 198



117, 0, 49



255, 192, 226



89, 0, 28



255, 220, 255



63, 0, 2



255, 250, 255



31, 0, 1



0, 0, 0



204, 81, 119



204, 81, 119



204, 61, 105



204, 101, 133

■ 204, 40, 91

■ 204, 122, 147

■ 204, 20, 77

■ 204, 142, 161

■ 204, 0, 63

■ 204, 163, 175

■ 204, 183, 189

■ 204, 203, 204

■ 204, 216, 224

■ 204, 228, 244

■ 204, 232, 255

Harmonies

Analogous

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



183, 90, 163



204, 81, 119



200, 91, 76

Triad

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



204, 81, 119



44, 135, 84



0, 82, 204

Complementary

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



204, 81, 119



81, 154, 204

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, 79, 173



204, 81, 119



0, 90, 142

Square

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



204, 81, 119



43, 141, 23



0, 77, 145



18, 88, 213

Rectangle

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



204, 81, 119



187, 130, 51



0, 77, 145



0, 82, 196

Sweetspot

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



204, 81, 119



255, 209, 223



165, 81, 204



128, 99, 108



0, 0, 0



128, 128, 128

Same Dimension

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



204, 81, 119



255, 71, 128



204, 109, 81



102, 92, 95



166, 0, 51



38, 0, 12

Inverse Universe

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



204, 81, 119



255, 71, 128



81, 136, 204



102, 92, 95



166, 0, 51



38, 0, 12

Previews

White Background



This preview shows how the RYB color 204, 81, 119 looks on a white background.

Color Contrast Check

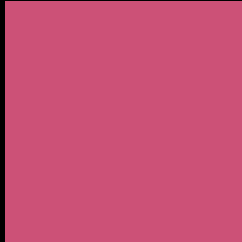
Large Text (above 18pt) WCAG AA ✓ Pass

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 204, 81, 119 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 204, 81, 119 Background



This preview shows how black text looks on a background with the RYB color 204, 81, 119.



This preview shows how white text looks on a background with the RYB color 204, 81, 119.

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
204, 81, 119

Protanopia
121, 123, 144

Deuteranopia
140, 122, 113

Trichromacy



Original Color
204, 81, 119

Protanomaly
151, 108, 135

Deuteranomaly
163, 106, 115

Tritanomaly
203, 84, 102

Monochromacy



Original Color
204, 81, 119

Achromatopsia
122, 122, 122

Achromatomaly
152, 107, 121

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 81, 119 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(204, 81, 119) looks like.

```
.text, #text, p{  
    color:rgb(204, 81, 119)  
}
```

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(204, 81, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 81, 119) }
```

Border

The CSS property to change the border of an element to RYB 204, 81, 119 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(204, 81, 119) }
```

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

```
.border{ border-color:rgb(204, 81, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 81, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 81, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 81, 119);  
box-shadow:4px 4px 4px 4px rgb(204, 81,  
119) }
```

Background

The CSS property to change the background color of an element to RGB 204, 81, 119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 81, 119) }
```

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

```
.background{ background-color: rgb(204, 81,  
119) }
```

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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