

Converting Colors

`RYB(201, 109, 143)`

Have a look what the booklet for
RYB(201, 109, 143) contains.

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Color

R_YB(201, 109, 143)

Conversions

Conversions Part 1

Format	Color
Hex	C96D8F
RGB	201, 109, 143
RGB Percent	79%, 43%, 56%
CMY	0.2118, 0.5725, 0.4392
CMYK	0.00, 0.46, 0.29, 0.21
HSL	338°, 46%, 61%
HSV	338°, 46%, 79%
XYZ	34.5140, 25.3380, 29.0582
YIQ	140.3840, 43.9180, 30.0780

Conversions

Conversions Part 2

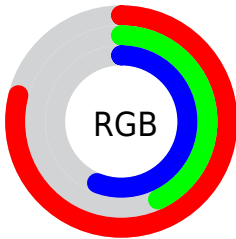
Format	Color
R_{YB}	201, 109, 143
Decimal	13200783
CIE _{Lab}	57.40, 40.32, -2.21
CIE _{LCh}	57, 40.383, 356.865
Yxy	25.3380, 0.3882, 0.2850
Android (android.graphics.Color)	4291390863 (0xFFC96D8F)
YUV	140.3840, 1.2897, 53.1602
Hunter-Lab	50.3368, 34.3009, 1.0091

Details

The RYB color **201, 109, 143** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **109, 165, 201**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **255, 162, 197**, and **144, 58, 93** is the 20% darker color. If you saturate the color by 10%, you get **201, 89, 130**, and if you desaturate by 10%, it is **201, 129, 156**.

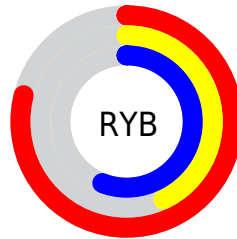
Distribution



Red (79%)

Green (43%)

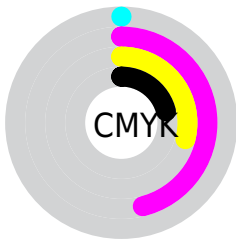
Blue (56%)



Red (79%)

Yellow (43%)

Blue (56%)

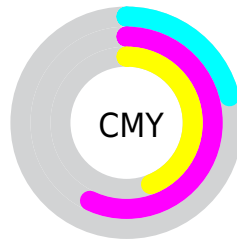


Cyan (0%)

Magenta (46%)

Yellow (29%)

Black (21%)



Cyan (21%)


Magenta (57%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 109, 143 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 201, 109, 143 by changing the saturation by 10% instead.

 201, 109, 143


255, 255, 255

 255, 162, 197

 255, 190, 225

 255, 219, 253

 255, 247, 255

 201, 109, 143

 172, 83, 117

 144, 58, 93

 117, 32, 69


 90, 0, 47


 64, 0, 26


 42, 0, 1

 0, 0, 0

 201, 109, 143

 201, 89, 130

 201, 109, 143

 201, 129, 156

201, 69, 118

201, 149, 168

201, 49, 105

201, 169, 181

201, 29, 92

201, 189, 194

201, 8, 80

201, 207, 210

201, 0, 74

201, 219, 230

201, 231, 250

201, 231, 255

201, 228, 255

Harmonies

Analogous

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



178, 117, 177



201, 109, 143



204, 111, 108

Triad

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



201, 109, 143



73, 145, 91



0, 85, 196

Complementary

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



201, 109, 143



109, 165, 201

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, 81, 169



201, 109, 143



84, 140, 152

Square

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



201, 109, 143



105, 163, 66



0, 84, 156



69, 117, 208

Rectangle

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



201, 109, 143



196, 130, 88



0, 84, 156



0, 84, 188

Sweetspot

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



201, 109, 143



255, 219, 232



166, 109, 201



128, 106, 114



0, 0, 0



128, 128, 128

Same Dimension

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



201, 109, 143



255, 115, 167



201, 121, 109



99, 90, 93



163, 0, 60



36, 0, 13

Inverse Universe

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



201, 109, 143



255, 115, 167



109, 152, 201



99, 90, 93



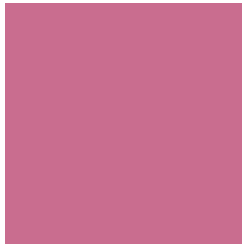
163, 0, 60



36, 0, 13

Previews

White Background



This preview shows how the RYB color 201, 109, 143 looks on a white background.

Color Contrast Check

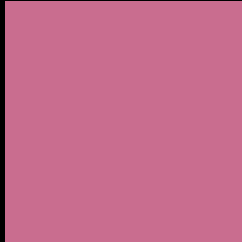
Large Text (above 18pt) WCAG AA ✓ Pass

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 201, 109, 143 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 201, 109, 143 Background



This preview shows how black text looks on a background with the RYB color 201, 109, 143.

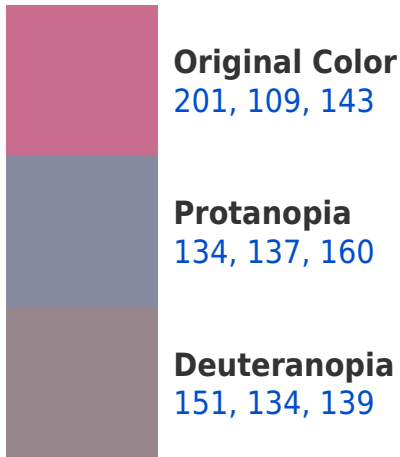



This preview shows how white text looks on a background with the RYB color 201, 109, 143.

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
199, 113, 121

Trichromacy



Original Color
201, 109, 143

Protanomaly
158, 127, 154

Deuteranomaly
169, 125, 140

Tritanomaly
200, 112, 129

Monochromacy



Original Color
201, 109, 143

Achromatopsia
140, 140, 140

Achromatomaly
162, 129, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 109, 143 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(201, 109, 143) looks like.

```
.text, #text, p{  
    color:rgb(201, 109, 143)  
}
```

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(201, 109, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 109, 143) }
```

Border

The CSS property to change the border of an element to RYB 201, 109, 143 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(201, 109, 143) }
```

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

```
.border{ border-color:rgb(201, 109, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 109, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 109, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 109, 143);  
box-shadow:4px 4px 4px 4px rgb(201, 109,  
143) }
```

Background

The CSS property to change the background color of an element to RGB 201, 109, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 109, 143) }
```

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

```
.background{ background-color: rgb(201,  
109, 143) }
```

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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