

Converting Colors

`RYB(199, 191, 209)`

Have a look what the booklet for
RYB(199, 191, 209) contains.

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Color

R_YB(199, 191, 209)

Conversions

Conversions Part 1

Format	Color
Hex	C7BFD1
RGB	199, 191, 209
RGB Percent	78%, 75%, 82%
CMY	0.2196, 0.2510, 0.1804
CMYK	0.05, 0.09, 0.00, 0.18
HSL	267°, 16%, 78%
HSV	267°, 9%, 82%
XYZ	53.6926, 54.0072, 67.9161
YIQ	195.4440, -1.0100, 7.2940

Conversions

Conversions Part 2

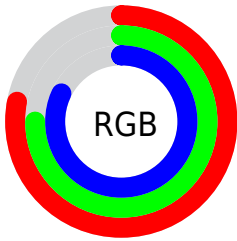
Format	Color
R_{YB}	199, 191, 209
Decimal	13090769
CIE Lab	78.47, 6.15, -8.01
CIE LCh	78, 10.099, 307.502
Yxy	54.0072, 0.3057, 0.3075
Android (android.graphics.Color)	4291280849 (0xFFC7BFD1)
YUV	195.4440, 6.6831, 3.1186
Hunter-Lab	73.4896, 1.8081, -3.3507

Details

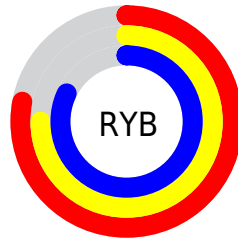
The RYB color **199, 191, 209** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **191, 209, 199**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **255, 247, 255**, and **145, 138, 155** is the 20% darker color. If you saturate the color by 10%, you get **187, 170, 209**, and if you desaturate by 10%, it is **209, 212, 210**.

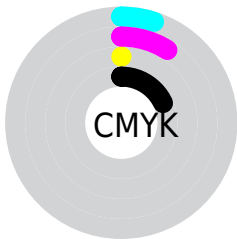
Distribution



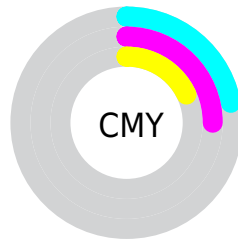
- Red (78%)
- Green (75%)
- Blue (82%)



- Red (78%)
- Yellow (75%)
- Blue (82%)



- Cyan (5%)
- Magenta (9%)
- Yellow (0%)
- Black (18%)



- Cyan (22%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 199, 191, 209 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 199, 191, 209 by changing the saturation by 10% instead.

■ 199, 191, 209

255, 255, 255

■ 255, 247, 255

■ 199, 191, 209

■ 172, 164, 181

■ 145, 138, 155

■ 119, 112, 129

■ 95, 88, 104

■ 71, 64, 79

■ 48, 43, 57

■ 27, 22, 35

■ 0, 1, 13

■ 0, 0, 0

199, 191, 209

199, 191, 209

187, 170, 209

209, 212, 210

176, 149, 209

209, 233, 220

164, 128, 209

209, 254, 229

153, 107, 209

209, 255, 219

141, 86, 209

209, 255, 209

129, 66, 209

118, 45, 209

106, 24, 209

95, 3, 209

Harmonies

Analogous

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



187, 193, 213



199, 191, 209



209, 189, 201

Triad

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



199, 191, 209



209, 202, 177



172, 187, 200

Complementary

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



199, 191, 209



191, 209, 199

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.



179, 193, 199



199, 191, 209



184, 200, 176

Square

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



199, 191, 209



214, 190, 183



179, 197, 187



171, 186, 205

Rectangle

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



199, 191, 209



213, 188, 195



179, 197, 187



174, 189, 200

Sweetspot

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



199, 191, 209



251, 247, 255



191, 197, 209



125, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



199, 191, 209



241, 230, 255



208, 191, 209



99, 94, 105



75, 0, 168



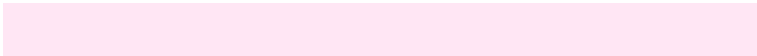
18, 0, 41

Inverse Universe

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



209, 191, 201



255, 230, 244



191, 209, 208



105, 94, 100



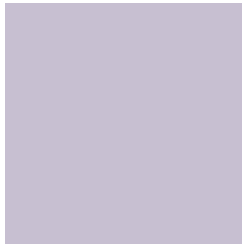
168, 0, 93



41, 0, 23

Previews

White Background



This preview shows how the RYB color 199, 191, 209 looks on a white background.

Color Contrast Check

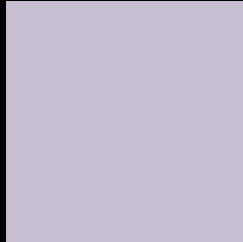
Large Text (above 18pt) WCAG AA × Fail

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 199, 191, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

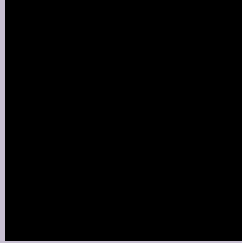
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

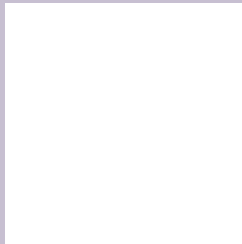
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R Y B 199, 191, 209 Background



This preview shows how black text looks on a background with the RYB color 199, 191, 209.



This preview shows how white text looks on a background with the RYB color 199, 191, 209.

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


199, 191, 209

Protanopia

193, 193, 210

Deuteranopia

206, 189, 209



Tritanopia
199, 191, 207

Trichromacy



Original Color

199, 191, 209

Protanomaly

195, 192, 210

Deuteranomaly

203, 190, 209

Tritanomaly

199, 191, 208

Monochromacy



Original Color

199, 191, 209

Achromatopsia

195, 195, 195

Achromatomaly

196, 194, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 199, 191, 209 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(199, 191, 209)` looks like.

```
.text, #text, p{  
    color:rgb(199, 191, 209)  
}
```

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(199, 191, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 191, 209) }
```

Border

The CSS property to change the border of an element to RYB 199, 191, 209 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(199, 191, 209) }
```

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

```
.border{ border-color:rgb(199, 191, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 191, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 191, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 191, 209);  
box-shadow:4px 4px 4px 4px rgb(199, 191,  
209) }
```

Background

The CSS property to change the background color of an element to RYB 199, 191, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 191, 209) }
```

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

```
.background{ background-color: rgb(199,  
191, 209) }
```

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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