

Converting Colors

`RYB(219, 201, 218)`

Have a look what the booklet for RYB(219, 201, 218) contains.

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Color

R_{YB}(219, 201, 218)

Conversions

Conversions Part 1

Format	Color
Hex	DBC9DA
RGB	219, 201, 218
RGB Percent	86%, 79%, 85%
CMY	0.1412, 0.2118, 0.1451
CMYK	0.00, 0.08, 0.00, 0.14
HSL	303°, 20%, 82%
HSV	303°, 8%, 86%
XYZ	62.7550, 61.8953, 74.9691
YIQ	208.3200, 5.2710, 9.1030

Conversions

Conversions Part 2

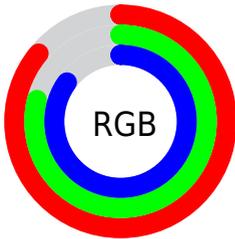
Format	Color
R _Y B	219, 201, 218
Decimal	14404058
CIE Lab	82.86, 9.27, -6.16
CIE LCh	83, 11.134, 326.402
Yxy	61.8953, 0.3144, 0.3101
Android (android.graphics.Color)	4292594138 (0xFFDBC9DA)
YUV	208.3200, 4.7722, 9.3664
Hunter-Lab	78.6736, 4.7040, -1.4267

Details

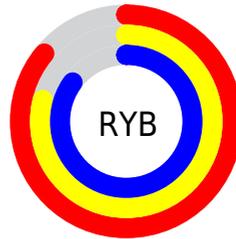
The RYB color **219, 201, 218** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **201, 218, 219**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is 255, 255, 255, and **164, 147, 163** is the 20% darker color. If you saturate the color by 10%, you get **219, 179, 217**, and if you desaturate by 10%, it is **219, 223, 223**.

Distribution



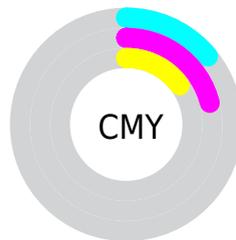
- Red (86%)
- Green (79%)
- Blue (85%)



- Red (86%)
- Yellow (79%)
- Blue (85%)



- Cyan (0%)
- Magenta (8%)
- Yellow (0%)
- Black (14%)



- Cyan (14%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 219, 201, 218 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 219, 201, 218 by changing the saturation by 10% instead.

■ 219, 201, 218

255, 255, 255

■ 219, 201, 218

■ 191, 174, 190

■ 164, 147, 163

■ 138, 121, 137

■ 112, 96, 111

■ 88, 73, 87

■ 64, 50, 64

■ 42, 29, 42

■ 23, 4, 22

■ 0, 0, 0

 219, 201, 218

 219, 201, 218

 219, 179, 217

 219, 223, 223

 219, 157, 216

 219, 244, 245

 219, 135, 214

 219, 252, 255

 219, 113, 213

 219, 251, 255

 219, 92, 212

 219, 251, 255

 219, 70, 211

 219, 250, 255

 219, 48, 209

 219, 248, 255

 219, 26, 208

 219, 248, 255

 219, 4, 207

 219, 247, 255

Harmonies

Analogous

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



207, 204, 225



219, 201, 218



227, 199, 208

Triad

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



219, 201, 218



203, 216, 186



180, 197, 215

Complementary

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



219, 201, 218



201, 218, 219

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.



184, 201, 213



219, 201, 218



187, 208, 190

Square

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



219, 201, 218



225, 209, 189



193, 210, 211



184, 200, 223

Rectangle

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



219, 201, 218



229, 199, 201



193, 210, 211



181, 197, 213

Sweetspot

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



219, 201, 218



255, 250, 255



202, 201, 219



128, 125, 127



0, 0, 0



128, 128, 128

Same Dimension

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



219, 201, 218



255, 230, 254



219, 201, 209



110, 99, 109



173, 0, 164



46, 0, 43

Inverse Universe

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



219, 201, 218



255, 230, 254



201, 213, 219



110, 99, 109



173, 0, 164



46, 0, 43

Previews

White Background



This preview shows how the RYB color 219, 201, 218 looks on a white background.

Color Contrast Check

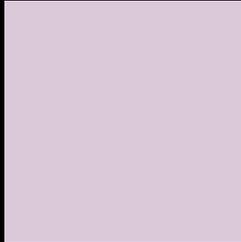
Large Text (above 18pt) WCAG AA × Fail

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 219, 201, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

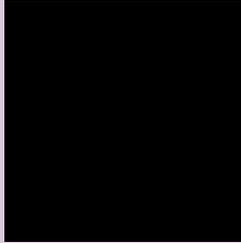
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

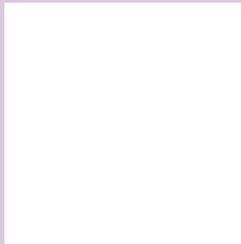
Any Text WCAG AAA ✓ Pass

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

RYB 219, 201, 218 Background



This preview shows how black text looks on a background with the RYB color 219, 201, 218.



This preview shows how white text looks on a background with the RYB color 219, 201, 218.

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 219, 201, 218
	Protanopia 206, 205, 220
	Deuteranopia 221, 200, 218



Tritanopia
219, 201, 217

Trichromacy



Original Color
219, 201, 218

Protanomaly
211, 204, 219

Deuteranomaly
220, 200, 218

Tritanomaly
219, 201, 217

Monochromacy



Original Color
219, 201, 218

Achromatopsia
208, 208, 208

Achromatomaly
212, 205, 212

CSS Examples

Text

The CSS property to change the color of the text to RYB 219, 201, 218 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(219, 201, 218) looks like.

```
.text, #text, p{  
    color:rgb(219, 201, 218)  
}
```

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(219, 201, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 201, 218) }
```

Border

The CSS property to change the border of an element to RYB 219, 201, 218 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(219, 201, 218) }
```

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

```
.border{ border-color:rgb(219, 201, 218) }
```

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

Here you see how a box with a 4 pixel rgb(219, 201, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 201, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 201, 218);  
box-shadow:4px 4px 4px 4px rgb(219, 201,  
218) }
```

Background

The CSS property to change the background color of an element to RGB 219, 201, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 201, 218) }
```

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

```
.background{ background-color: rgb(219,  
201, 218) }
```

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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