

Converting Colors

`RYB(219, 172, 201)`

Have a look what the booklet for
RYB(219, 172, 201) contains.

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Color

R_YB(219, 172, 201)

Conversions

Conversions Part 1

Format	Color
Hex	DBACC9
RGB	219, 172, 201
RGB Percent	86%, 67%, 79%
CMY	0.1412, 0.3255, 0.2118
CMYK	0.00, 0.21, 0.08, 0.14
HSL	323°, 39%, 77%
HSV	323°, 21%, 86%
XYZ	54.5086, 48.7822, 61.8013
YIQ	189.3590, 18.7030, 18.9830

Conversions

Conversions Part 2

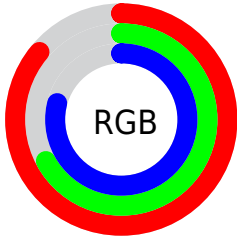
Format	Color
R _Y B	219, 172, 201
Decimal	14396617
CIE Lab	75.32, 21.81, -8.15
CIE LCh	75, 23.284, 339.504
Yxy	48.7822, 0.3302, 0.2955
Android (android.graphics.Color)	4292586697 (0xFFDBACC9)
YUV	189.3590, 5.7390, 25.9952
Hunter-Lab	69.8442, 17.0794, -3.5715

Details

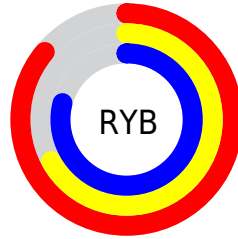
The RYB color **219, 172, 201** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **172, 206, 219**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **255, 228, 255**, and **164, 119, 147** is the 20% darker color. If you saturate the color by 10%, you get **219, 150, 193**, and if you desaturate by 10%, it is **219, 194, 209**.

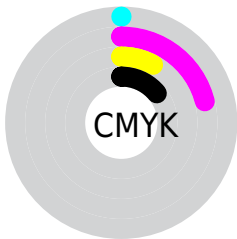
Distribution



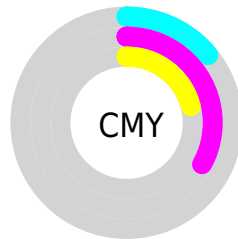
- Red (86%)
- Green (67%)
- Blue (79%)



- Red (86%)
- Yellow (67%)
- Blue (79%)



- Cyan (0%)
- Magenta (21%)
- Yellow (8%)
- Black (14%)



- Cyan (14%)
- Magenta (33%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 219, 172, 201 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, 172, 201 by changing the saturation by 10% instead.


 219, 172, 201

255, 255, 255

 255, 228, 255

 219, 172, 201

 191, 145, 174

 164, 119, 147

 137, 94, 121

 111, 70, 96

 86, 47, 73

 62, 25, 50


 40, 2, 29

 4, 0, 0

 0, 0, 0

 219, 172, 201

 219, 172, 201

 219, 150, 193

 219, 194, 209

 219, 128, 184

 219, 216, 218

 219, 106, 176

 219, 233, 238

 219, 84, 167

 219, 244, 255

 219, 63, 159


 219, 241, 255

 219, 41, 151

 219, 238, 255

 219, 19, 142

 219, 237, 255

 219, 0, 135

Harmonies

Analogous

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



198, 178, 219



219, 172, 201



229, 170, 179

Triad

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



219, 172, 201



154, 195, 143



126, 165, 212

Complementary

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



219, 172, 201



172, 206, 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.



129, 165, 198



219, 172, 201



152, 192, 173

Square

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



219, 172, 201



215, 209, 146



147, 181, 197



142, 173, 225

Rectangle

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



219, 172, 201



229, 173, 165



147, 181, 197



125, 163, 206

Sweetspot

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



219, 172, 201



255, 240, 249



189, 172, 219



128, 119, 124



0, 0, 0



128, 128, 128

Same Dimension

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



219, 172, 201



255, 189, 230



219, 172, 178



110, 99, 105



173, 0, 107



46, 0, 28

Inverse Universe

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



219, 172, 201



255, 189, 230



172, 197, 219



110, 99, 105



173, 0, 107



46, 0, 28

Previews

White Background



This preview shows how the RYB color 219, 172, 201 looks on a white background.

Color Contrast Check

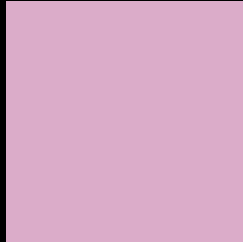
Large Text (above 18pt) WCAG AA × Fail

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, 172, 201 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, 172, 201 Background



This preview shows how black text looks on a background with the RYB color 219, 172, 201.

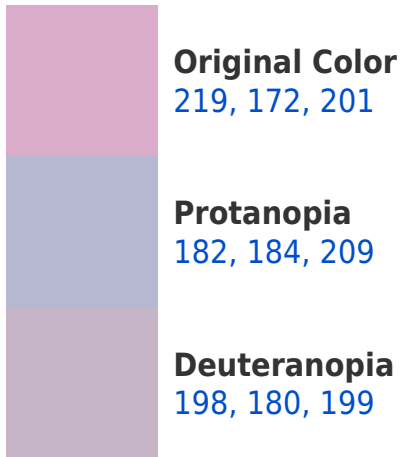


This preview shows how white text looks on a background with the RYB color 219, 172, 201.

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
217, 174, 188

Trichromacy



Original Color
219, 172, 201

Protanomaly
195, 180, 206

Deuteranomaly
206, 177, 200

Tritanomaly
218, 173, 193

Monochromacy



Original Color
219, 172, 201

Achromatopsia
189, 189, 189

Achromatomaly
200, 183, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 219, 172, 201 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, 172, 201) looks like.

```
.text, #text, p{  
    color:rgb(219, 172, 201)  
}
```

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, 172, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 172, 201) }
```

Border

The CSS property to change the border of an element to RYB 219, 172, 201 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, 172, 201) }
```

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

```
.border{ border-color:rgb(219, 172, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 172, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 172, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 172, 201);  
box-shadow:4px 4px 4px 4px rgb(219, 172,  
201) }
```

Background

The CSS property to change the background color of an element to RYB 219, 172, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 172, 201) }
```

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

```
.background{ background-color: rgb(219,  
172, 201) }
```

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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