

Converting Colors

`RYB(219, 202, 208)`

Have a look what the booklet for
RYB(219, 202, 208) contains.

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Color

$\text{RYB}(219, 202, 208)$

Conversions

Conversions Part 1

Format	Color
Hex	DBCAD0
RGB	219, 202, 208
RGB Percent	86%, 79%, 82%
CMY	0.1412, 0.2078, 0.1843
CMYK	0.00, 0.08, 0.05, 0.14
HSL	339°, 19%, 83%
HSV	339°, 8%, 86%
XYZ	61.7191, 61.8552, 68.3608
YIQ	207.7670, 8.2060, 5.4700

Conversions

Conversions Part 2

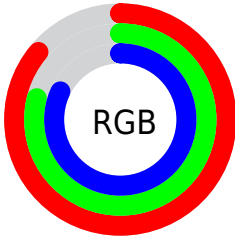
Format	Color
R _Y B	219, 202, 208
Decimal	14404304
CIE Lab	82.84, 6.96, -0.85
CIE LCh	83, 7.009, 353.047
Yxy	61.8552, 0.3216, 0.3223
Android (android.graphics.Color)	4292594384 (0xFFDBCAD0)
YUV	207.7670, 0.1149, 9.8513
Hunter-Lab	78.6481, 2.4438, 3.5189

Details

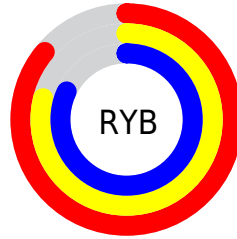
The RYB color **219, 202, 208** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **202, 212, 219**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is 255, 255, 255, and **164, 148, 154** is the 20% darker color. If you saturate the color by 10%, you get **219, 180, 194**, and if you desaturate by 10%, it is **219, 222, 224**.

Distribution



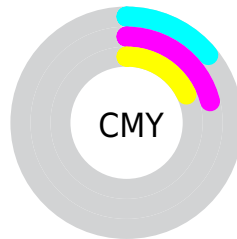
- Red (86%)
- Green (79%)
- Blue (82%)



- Red (86%)
- Yellow (79%)
- Blue (82%)



- Cyan (0%)
- Magenta (8%)
- Yellow (5%)
- Black (14%)



- Cyan (14%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 219, 202, 208 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, 202, 208 by changing the saturation by 10% instead.

■ 219, 202, 208

255, 255, 255

■ 219, 202, 208

■ 191, 175, 180

■ 164, 148, 154

■ 138, 122, 128

■ 112, 97, 103

■ 88, 74, 79

■ 64, 51, 56


■ 42, 30, 35

■ 23, 5, 13

■ 0, 0, 0

 219, 202, 208

 219, 202, 208

 219, 180, 194


 219, 222, 224

 219, 158, 180

 219, 236, 246

 219, 136, 165

 219, 238, 255


 219, 114, 151

 219, 237, 255

 219, 92, 137

 219, 71, 123

 219, 49, 109

 219, 27, 95

 219, 5, 80

Harmonies

Analogous

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



214, 203, 214



219, 202, 208



221, 202, 201

Triad

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



219, 202, 208



194, 207, 195



192, 202, 216

Complementary

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



219, 202, 208



202, 212, 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.



190, 200, 211



219, 202, 208



198, 209, 208

Square

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



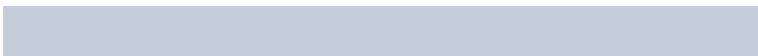
219, 202, 208



209, 214, 193



193, 203, 210



198, 204, 219

Rectangle

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



219, 202, 208



220, 205, 197



193, 203, 210



191, 202, 215

Sweetspot

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



219, 202, 208



255, 250, 252



213, 202, 219



128, 125, 126



0, 0, 0



128, 128, 128

Same Dimension

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



219, 202, 208



255, 232, 240



219, 204, 202



110, 99, 103



173, 0, 61



46, 0, 16

Inverse Universe

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



219, 202, 208



255, 232, 240



202, 210, 219



110, 99, 103



173, 0, 61



46, 0, 16

Previews

White Background



This preview shows how the RYB color 219, 202, 208 looks on a white background.

Color Contrast Check

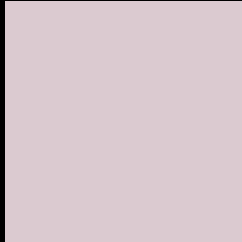
Large Text (above 18pt) WCAG AA × Fail

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, 202, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

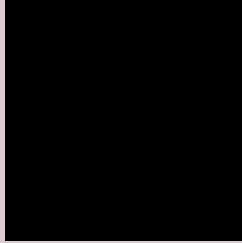
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

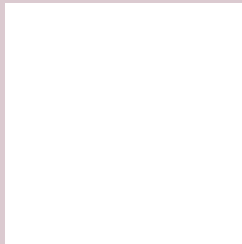
Any Text WCAG AAA ✓ Pass

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

RYP 219, 202, 208 Background



This preview shows how black text looks on a background with the RYB color 219, 202, 208.


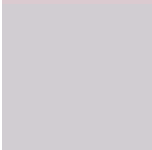



This preview shows how white text looks on a background with the RYB color 219, 202, 208.

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, 202, 208
	Protanopia 209, 205, 210
	Deuteranopia 225, 200, 208



Tritanopia
220, 201, 216

Trichromacy



Original Color

219, 202, 208

Protanomaly

213, 204, 209

Deuteranomaly

223, 201, 208

Tritanomaly

220, 201, 213

Monochromacy



Original Color

219, 202, 208

Achromatopsia

208, 208, 208

Achromatomaly

212, 206, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 219, 202, 208 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, 202, 208) looks like.

```
.text, #text, p{  
    color:rgb(219, 202, 208)  
}
```

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, 202, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 202, 208) }
```

Border

The CSS property to change the border of an element to RYB 219, 202, 208 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, 202, 208) }
```

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

```
.border{ border-color:rgb(219, 202, 208) }
```

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

Here you see how a box with a 4 pixel rgb(219, 202, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 202, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 202, 208);  
box-shadow:4px 4px 4px 4px rgb(219, 202,  
208) }
```

Background

The CSS property to change the background color of an element to RGB 219, 202, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 202, 208) }
```

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

```
.background{ background-color: rgb(219,  
202, 208) }
```

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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