

Converting Colors

`RYB(249, 202, 215)`

Have a look what the booklet for RYB(249, 202, 215) contains.

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Color

R_YB(249, 202, 215)

Conversions

Conversions Part 1

Format	Color
Hex	F9CAD7
RGB	249, 202, 215
RGB Percent	98%, 79%, 84%
CMY	0.0235, 0.2078, 0.1569
CMYK	0.00, 0.19, 0.14, 0.02
HSL	343°, 80%, 88%
HSV	343°, 19%, 98%
XYZ	72.4532, 67.2871, 73.4590
YIQ	217.5350, 23.8390, 14.0070

Conversions

Conversions Part 2

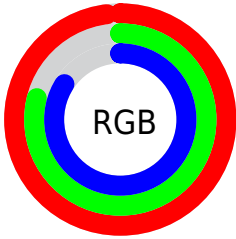
Format	Color
R _Y B	249, 202, 215
Decimal	16370391
CIE Lab	85.65, 18.61, -0.16
CIE LCh	86, 18.607, 359.522
Yxy	67.2871, 0.3398, 0.3156
Android (android.graphics.Color)	4294560471 (0xFFF9CAD7)
YUV	217.5350, -1.2498, 27.5948
Hunter-Lab	82.0287, 14.1128, 4.3243

Details

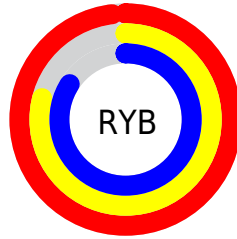
The RYB color **249, 202, 215** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **202, 229, 249**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is 255, 255, 255, and **192, 148, 160** is the 20% darker color. If you saturate the color by 10%, you get **249, 177, 197**, and if you desaturate by 10%, it is **249, 227, 233**.

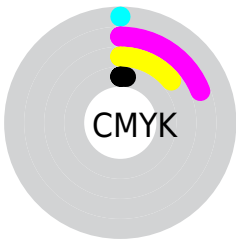
Distribution



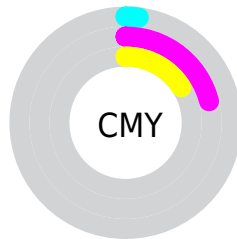
- Red (98%)
- Green (79%)
- Blue (84%)



- Red (98%)
- Yellow (79%)
- Blue (84%)



- Cyan (0%)
- Magenta (19%)
- Yellow (14%)
- Black (2%)



- Cyan (2%)
- Magenta (21%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the RYB color 249, 202, 215 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 249, 202, 215 by changing the saturation by 10% instead.

 249, 202, 215

255, 255, 255

 249, 202, 215

 220, 175, 187


 192, 148, 160

 165, 122, 134

 138, 97, 109

 112, 73, 85

 87, 50, 62

 63, 28, 40

 40, 6, 19

 0, 0, 0

■ 249, 202, 215

■ 249, 202, 215

■ 249, 177, 197

■ 249, 227, 233

■ 249, 152, 179

■ 249, 251, 252

■ 249, 127, 161

■ 249, 252, 255

■ 249, 102, 143

■ 249, 78, 125

■ 249, 53, 107

■ 249, 28, 89

■ 249, 3, 71

■ 249, 0, 69

Harmonies

Analogous

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



237, 205, 232



249, 202, 215



251, 204, 198

Triad

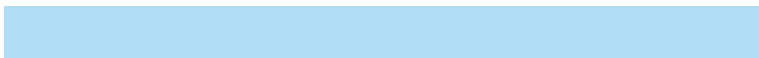
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



249, 202, 215



183, 218, 192



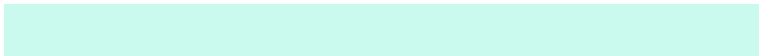
176, 203, 244

Complementary

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



249, 202, 215



202, 229, 249

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.



168, 198, 231



249, 202, 215



189, 216, 222

Square

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



249, 202, 215



201, 228, 179



174, 202, 224



194, 210, 249

Rectangle

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



249, 202, 215



247, 212, 188



174, 202, 224



172, 201, 240

Sweetspot

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



249, 202, 215



255, 240, 244



236, 202, 249



128, 119, 121



0, 0, 0



128, 128, 128

Same Dimension

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



249, 202, 215



255, 196, 213



249, 215, 202



125, 112, 116



189, 0, 52



61, 0, 17

Inverse Universe

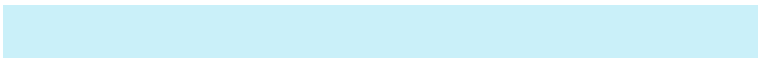
The Inverse Universe completely reimagines the original color for something new.



249, 202, 215



255, 196, 213



202, 223, 249



125, 112, 116



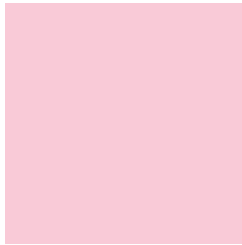
189, 0, 52



61, 0, 17

Previews

White Background



This preview shows how the RYB color 249, 202, 215 looks on a white background.

Color Contrast Check

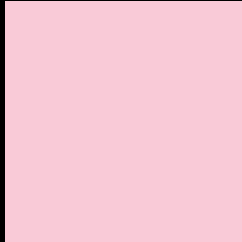
Large Text (above 18pt) WCAG AA × Fail

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 249, 202, 215 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 249, 202, 215 Background



This preview shows how black text looks on a background with the RYB color 249, 202, 215.



This preview shows how white text looks on a background with the RYB color 249, 202, 215.

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
249, 202, 215

Protanopia
216, 213, 222

Deuteranopia
235, 207, 214



Tritanopia
249, 202, 217

Trichromacy



Original Color
249, 202, 215

Protanomaly
228, 209, 219

Deuteranomaly
240, 205, 214

Tritanomaly
249, 202, 216

Monochromacy



Original Color
249, 202, 215

Achromatopsia
218, 218, 218

Achromatomaly
229, 212, 217

CSS Examples

Text

The CSS property to change the color of the text to RYB 249, 202, 215 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(249, 202, 215) looks like.

```
.text, #text, p{  
    color:rgb(249, 202, 215)  
}
```

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(249, 202, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 202, 215) }
```

Border

The CSS property to change the border of an element to RYB 249, 202, 215 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(249, 202, 215) }
```

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

```
.border{ border-color:rgb(249, 202, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 202, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 202, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 202, 215);  
box-shadow:4px 4px 4px 4px rgb(249, 202,  
215) }
```

Background

The CSS property to change the background color of an element to RYB 249, 202, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 202, 215) }
```

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

```
.background{ background-color: rgb(249,  
202, 215) }
```

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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