

Converting Colors

`RYB(241, 209, 222)`

Have a look what the booklet for RYB(241, 209, 222) contains.

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Color

RYB(241, 209, 222)

Conversions

Conversions Part 1

Format	Color
Hex	F1D1DE
RGB	241, 209, 222
RGB Percent	95%, 82%, 87%
CMY	0.0549, 0.1804, 0.1294
CMYK	0.00, 0.13, 0.08, 0.05
HSL	336°, 53%, 88%
HSV	336°, 13%, 95%
XYZ	72.2609, 69.5756, 78.7281
YIQ	220.0500, 14.8990, 10.8270

Conversions

Conversions Part 2

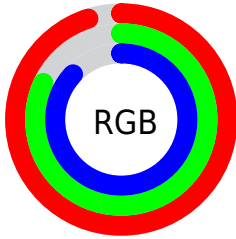
Format	Color
R _Y B	241, 209, 222
Decimal	15847902
CIE Lab	86.79, 13.29, -2.29
CIE LCh	87, 13.486, 350.232
Yxy	69.5756, 0.3276, 0.3154
Android (android.graphics.Color)	4294037982 (0xFFFF1D1DE)
YUV	220.0500, 0.9614, 18.3732
Hunter-Lab	83.4120, 8.6659, 2.4278

Details

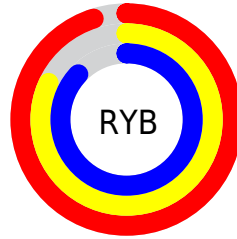
The RYB color **241, 209, 222** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **209, 229, 241**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **255, 255, 255**, and **185, 155, 167** is the 20% darker color. If you saturate the color by 10%, you get **241, 185, 208**, and if you desaturate by 10%, it is **241, 233, 236**.

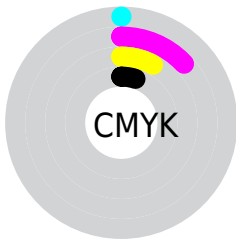
Distribution



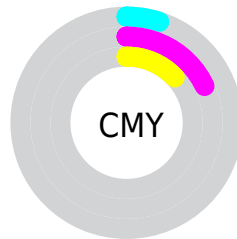
- Red (95%)
- Green (82%)
- Blue (87%)



- Red (95%)
- Yellow (82%)
- Blue (87%)



- Cyan (0%)
- Magenta (13%)
- Yellow (8%)
- Black (5%)



- Cyan (5%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 241, 209, 222 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 241, 209, 222 by changing the saturation by 10% instead.

■ 241, 209, 222

255, 255, 255

■ 241, 209, 222

■ 213, 181, 194

■ 185, 155, 167

■ 158, 128, 141

■ 131, 103, 115

■ 106, 79, 91

■ 82, 56, 67


■ 58, 34, 45


■ 36, 14, 24


■ 0, 0, 0

 241, 209, 222


 241, 209, 222

 241, 185, 208


 241, 233, 236


 241, 161, 193


 241, 249, 255


 241, 137, 179


 241, 248, 255

 241, 113, 165

 241, 89, 150

 241, 64, 136

 241, 40, 122

 241, 16, 108

 241, 0, 98

Harmonies

Analogous

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



230, 211, 234



241, 209, 222



245, 209, 209

Triad

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



241, 209, 222



193, 219, 194



188, 208, 236

Complementary

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



241, 209, 222



209, 229, 241

Split Complementary

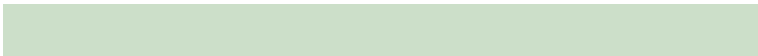
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



185, 205, 226



241, 209, 222



201, 223, 220

Square

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



241, 209, 222



222, 232, 192



191, 212, 225



199, 213, 242

Rectangle

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



241, 209, 222



244, 212, 201



191, 212, 225



186, 207, 233

Sweetspot

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



241, 209, 222



255, 245, 249



228, 209, 241



128, 121, 124



0, 0, 0



128, 128, 128

Same Dimension

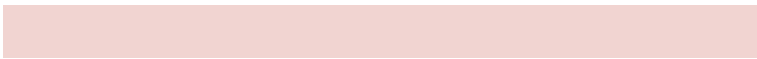
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241, 209, 222



255, 214, 231



241, 212, 209



120, 108, 113



184, 0, 75



56, 0, 23

Inverse Universe

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



241, 209, 222



255, 214, 231



209, 224, 241



120, 108, 113



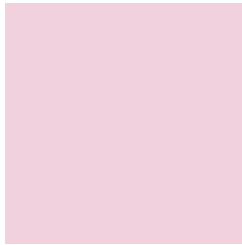
184, 0, 75



56, 0, 23

Previews

White Background



This preview shows how the RYB color 241, 209, 222 looks on a white background.

Color Contrast Check

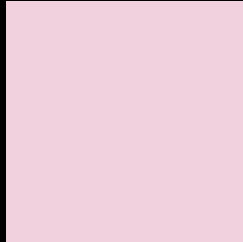
Large Text (above 18pt) WCAG AA × Fail

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 241, 209, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

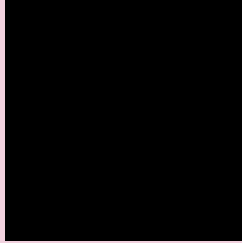
Any Text WCAG AA ✓ Pass

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 241, 209, 222 Background



This preview shows how black text looks on a background with the R Y B color 241, 209, 222.



This preview shows how white text looks on a background with the R Y B color 241, 209, 222.

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
241, 209, 222

Protanopia
219, 216, 226

Deuteranopia
236, 211, 222



Tritanopia
241, 209, 225

Trichromacy



Original Color

241, 209, 222

Protanomaly

227, 213, 225

Deuteranomaly

238, 210, 222

Tritanomaly

241, 209, 224

Monochromacy



Original Color

241, 209, 222

Achromatopsia

220, 220, 220

Achromatomaly

228, 216, 221

CSS Examples

Text

The CSS property to change the color of the text to RYB 241, 209, 222 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(241, 209, 222) looks like.

```
.text, #text, p{  
    color:rgb(241, 209, 222)  
}
```

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(241, 209, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 209, 222) }
```

Border

The CSS property to change the border of an element to RYB 241, 209, 222 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(241, 209, 222) }
```

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

```
.border{ border-color:rgb(241, 209, 222) }
```

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

Here you see how a box with a 4 pixel rgb(241, 209, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 209, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 209, 222);  
box-shadow:4px 4px 4px 4px rgb(241, 209,  
222) }
```

Background

The CSS property to change the background color of an element to RYB 241, 209, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 209, 222) }
```

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

```
.background{ background-color: rgb(241,  
209, 222) }
```

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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