

Converting Colors

`RYB(250, 209, 255)`

Have a look what the booklet for
RYB(250, 209, 255) contains.

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Color

R_YB(250, 209, 255)

Conversions

Conversions Part 1

Format	Color
Hex	FAD1FF
RGB	250, 209, 255
RGB Percent	98%, 82%, 100%
CMY	0.0196, 0.1804, 0.0000
CMYK	0.02, 0.18, 0.00, 0.00
HSL	293°, 100%, 91%
HSV	293°, 18%, 100%
XYZ	80.2748, 73.1449, 104.4952
YIQ	226.5030, 9.6700, 22.9980

Conversions

Conversions Part 2

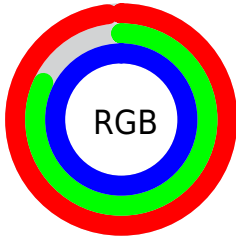
Format	Color
R _Y B	250, 209, 255
Decimal	16437759
CIE Lab	88.52, 22.12, -17.08
CIE LCh	89, 27.945, 322.337
Yxy	73.1449, 0.3112, 0.2836
Android (android.graphics.Color)	4294627839 (0xFFFAD1FF)
YUV	226.5030, 14.0490, 20.6069
Hunter-Lab	85.5248, 17.8742, -12.5738

Details

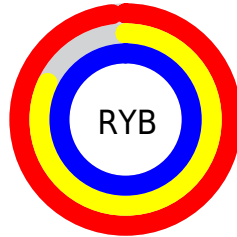
The RYB color **250, 209, 255** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **209, 255, 250**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **255, 255, 255**, and **193, 154, 198** is the 20% darker color. If you saturate the color by 10%, you get **247, 183, 255**, and if you desaturate by 10%, it is **253, 235, 255**.

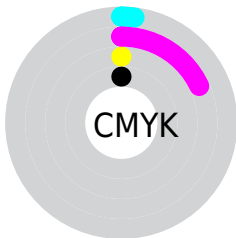
Distribution



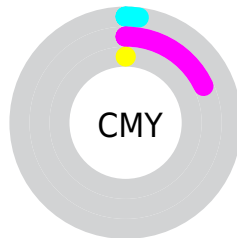
- Red (98%)
- Green (82%)
- Blue (100%)



- Red (98%)
- Yellow (82%)
- Blue (100%)



- Cyan (2%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)




- Cyan (2%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the RYB color 250, 209, 255 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 250, 209, 255 by changing the saturation by 10% instead.


 250, 209, 255

255, 255, 255

 250, 209, 255


 221, 181, 226

 193, 154, 198

 166, 128, 171


 139, 103, 144

 113, 79, 119

 88, 55, 94

 64, 33, 70

 42, 12, 48

 21, 0, 27

■ 250, 209, 255

■ 250, 209, 255

■ 247, 183, 255

■ 253, 235, 255

■ 244, 158, 255

255, 255, 255

■ 242, 132, 255

■ 239, 107, 255

■ 236, 82, 255

■ 233, 56, 255

■ 231, 30, 255

■ 228, 5, 255

■ 227, 0, 255

Harmonies

Analogous

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



218, 218, 255



250, 209, 255



255, 204, 230

Triad

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



250, 209, 255



221, 249, 170



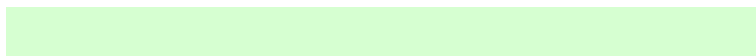
147, 193, 241

Complementary

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



250, 209, 255



209, 255, 250

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.



163, 207, 237



250, 209, 255



173, 227, 179

Square

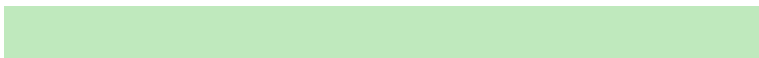
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



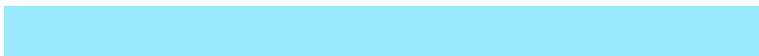
250, 209, 255



255, 229, 181



189, 233, 231



153, 198, 255

Rectangle

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



250, 209, 255



255, 203, 212



189, 233, 231



150, 195, 237

Sweetspot

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



250, 209, 255



254, 242, 255



209, 214, 255



127, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



250, 209, 255



249, 199, 255



255, 209, 237



126, 115, 128



170, 0, 191



57, 0, 64

Inverse Universe

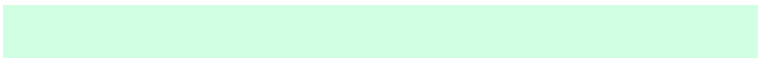
The Inverse Universe completely reimagines the original color for something new.



255, 209, 214



255, 199, 205



209, 242, 255



128, 115, 116



191, 0, 21



64, 0, 7

Previews

White Background



This preview shows how the RYB color 250, 209, 255 looks on a white background.

Color Contrast Check

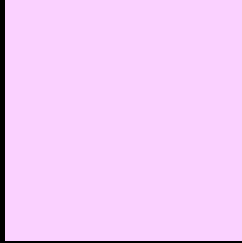
Large Text (above 18pt) WCAG AA × Fail

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 250, 209, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

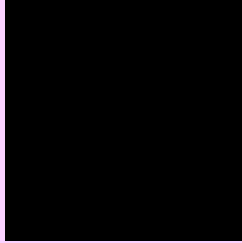
Any Text WCAG AA ✓ Pass

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 250, 209, 255 Background



This preview shows how black text looks on a background with the RYP color 250, 209, 255.



This preview shows how white text looks on a background with the RYP color 250, 209, 255.

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
250, 209, 255

Protanopia
216, 220, 255

Deuteranopia
229, 217, 254



Tritanopia
246, 213, 230

Trichromacy



Original Color

250, 209, 255



Protanomaly

228, 217, 255



Deuteranomaly

237, 214, 254



Tritanomaly

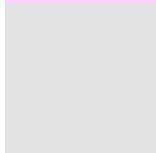
247, 212, 239

Monochromacy



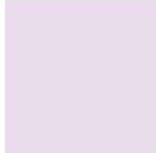
Original Color

250, 209, 255



Achromatopsia

227, 227, 227



Achromatomaly

235, 220, 237

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 209, 255 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(250, 209, 255) looks like.

```
.text, #text, p{  
    color:rgb(250, 209, 255)  
}
```

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(250, 209, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 209, 255) }
```

Border

The CSS property to change the border of an element to RYB 250, 209, 255 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(250, 209, 255) }
```

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

```
.border{ border-color:rgb(250, 209, 255) }
```

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

Here you see how a box with a 4 pixel rgb(250, 209, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 209, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 209, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 209,  
255) }
```

Background

The CSS property to change the background color of an element to RYB 250, 209, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 209, 255) }
```

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

```
.background{ background-color: rgb(250,  
209, 255) }
```

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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