

Converting Colors

`RYB(246, 199, 235)`

Have a look what the booklet for RYB(246, 199, 235) contains.

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Color

R_YB(246, 199, 235)

Conversions

Conversions Part 1

Format	Color
Hex	F6C7EB
RGB	246, 199, 235
RGB Percent	96%, 78%, 92%
CMY	0.0353, 0.2196, 0.0784
CMYK	0.00, 0.19, 0.04, 0.04
HSL	314°, 72%, 87%
HSV	314°, 19%, 96%
XYZ	73.4249, 66.4378, 87.5511
YIQ	217.1570, 16.4560, 21.1600

Conversions

Conversions Part 2

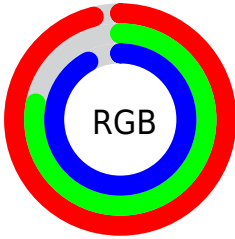
Format	Color
R _Y B	246, 199, 235
Decimal	16173035
CIE Lab	85.22, 22.49, -11.46
CIE LCh	85, 25.243, 332.993
Yxy	66.4378, 0.3229, 0.2921
Android (android.graphics.Color)	4294363115 (0xFFFF6C7EB)
YUV	217.1570, 8.7966, 25.2953
Hunter-Lab	81.5094, 18.1539, -6.6282

Details

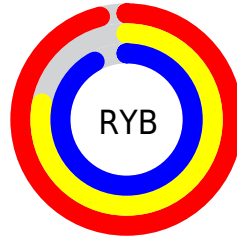
The RYB color **246, 199, 235** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **199, 237, 246**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is 255, 255, 255, and **189, 145, 179** is the 20% darker color. If you saturate the color by 10%, you get **246, 174, 229**, and if you desaturate by 10%, it is **246, 224, 241**.

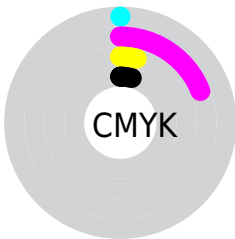
Distribution



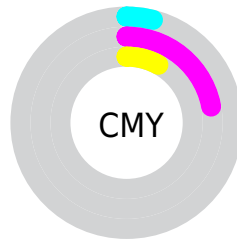
- Red (96%)
- Green (78%)
- Blue (92%)



- Red (96%)
- Yellow (78%)
- Blue (92%)



- Cyan (0%)
- Magenta (19%)
- Yellow (4%)
- Black (4%)



- Cyan (4%)
- Magenta (22%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 246, 199, 235 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 246, 199, 235 by changing the saturation by 10% instead.

■ 246, 199, 235

255, 255, 255

■ 246, 199, 235

■ 217, 172, 207

■ 189, 145, 179

■ 162, 119, 152

■ 135, 94, 127

■ 110, 70, 101

■ 85, 47, 77

■ 61, 25, 55

■ 39, 2, 33

■ 1, 0, 8

 246, 199, 235

 246, 199, 235

 246, 174, 229

 246, 224, 241

 246, 150, 223


 246, 247, 248


 246, 125, 218


 246, 251, 255

 246, 101, 212

 246, 251, 255

 246, 76, 206

 246, 51, 200

 246, 27, 195

 246, 2, 189

 246, 0, 188

Harmonies

Analogous

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



220, 206, 253



246, 199, 235



255, 196, 211

Triad

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



246, 199, 235



188, 229, 165



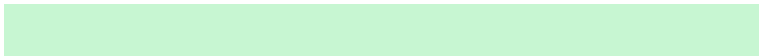
146, 189, 238

Complementary

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



246, 199, 235



199, 237, 246

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.



154, 194, 227



246, 199, 235



172, 219, 189

Square

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



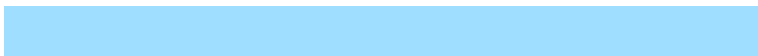
246, 199, 235



250, 228, 171



175, 212, 224



159, 197, 255

Rectangle

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



246, 199, 235



255, 197, 195



175, 212, 224



147, 188, 231

Sweetspot

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



246, 199, 235



255, 240, 251



210, 199, 246



128, 119, 125



0, 0, 0



128, 128, 128

Same Dimension

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



246, 199, 235



255, 196, 241



246, 199, 212



122, 110, 120



186, 0, 143



59, 0, 45

Inverse Universe

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



246, 199, 235



255, 196, 241



199, 226, 246



122, 110, 120



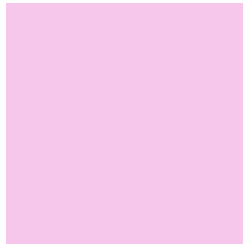
186, 0, 143



59, 0, 45

Previews

White Background



This preview shows how the RYB color 246, 199, 235 looks on a white background.

Color Contrast Check

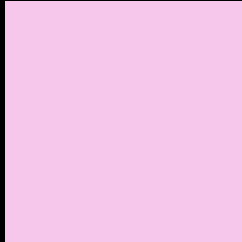
Large Text (above 18pt) WCAG AA × Fail

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 246, 199, 235 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 246, 199, 235 Background



This preview shows how black text looks on a background with the RYB color 246, 199, 235.



This preview shows how white text looks on a background with the RYB color 246, 199, 235.

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
246, 199, 235

Protanopia
208, 212, 243

Deuteranopia
224, 207, 233



Tritanopia
244, 202, 218

Trichromacy



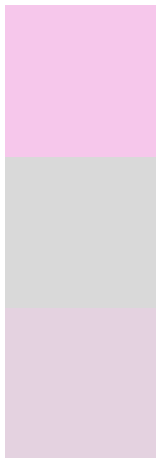
Original Color
246, 199, 235

Protanomaly
222, 207, 240

Deuteranomaly
232, 204, 234

Tritanomaly
245, 201, 224

Monochromacy



Original Color
246, 199, 235

Achromatopsia
217, 217, 217

Achromatomaly
228, 210, 224

CSS Examples

Text

The CSS property to change the color of the text to RYB 246, 199, 235 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(246, 199, 235) looks like.

```
.text, #text, p{  
    color:rgb(246, 199, 235)  
}
```

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(246, 199, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 199, 235) }
```

Border

The CSS property to change the border of an element to RYB 246, 199, 235 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(246, 199, 235) }
```

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

```
.border{ border-color:rgb(246, 199, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 199, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 199, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 199, 235);  
box-shadow:4px 4px 4px 4px rgb(246, 199,  
235) }
```

Background

The CSS property to change the background color of an element to RYB 246, 199, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 199, 235) }
```

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

```
.background{ background-color: rgb(246,  
199, 235) }
```

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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