

# Converting Colors

`RYB(247, 191, 234)`

Have a look what the booklet for RYB(247, 191, 234) contains.

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# Color

**R<sub>Y</sub>B(247, 191, 234)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7BFEA
RGB	247, 191, 234
RGB Percent	97%, 75%, 92%
CMY	0.0314, 0.2510, 0.0824
CMYK	0.00, 0.23, 0.05, 0.03
HSL	314°, 78%, 86%
HSV	314°, 23%, 97%
XYZ	71.8399, 62.9763, 86.2112
YIQ	212.6460, 19.5730, 25.2450

# Conversions

## Conversions Part 2

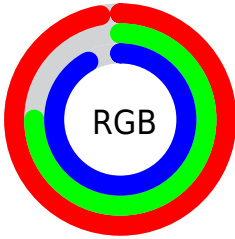
Format	Color
R <sub>Y</sub> B	247, 191, 234
Decimal	16236522
CIE Lab	83.43, 26.88, -13.59
CIE LCh	83, 30.120, 333.171
Yxy	62.9763, 0.3250, 0.2849
Android (android.graphics.Color)	4294426602 (0xFFF7BFEA)
YUV	212.6460, 10.5275, 30.1285
Hunter-Lab	79.3576, 22.7145, -8.8602

# Details

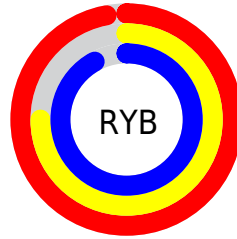
The RYB color **247, 191, 234** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **191, 236, 247**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **255, 248, 255**, and **190, 137, 178** is the 20% darker color. If you saturate the color by 10%, you get **247, 166, 228**, and if you desaturate by 10%, it is **247, 216, 240**.

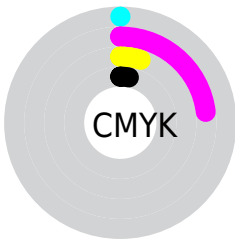
# Distribution



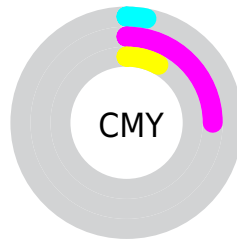
- Red (97%)
- Green (75%)
- Blue (92%)



- Red (97%)
- Yellow (75%)
- Blue (92%)



- Cyan (0%)
- Magenta (23%)
- Yellow (5%)
- Black (3%)




- Cyan (3%)
- Magenta (25%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 247, 191, 234 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 247, 191, 234 by changing the saturation by 10% instead.




 247, 191, 234

 247, 191, 234

255, 255, 255

 218, 164, 206

 255, 248, 255


 190, 137, 178

 163, 111, 151

 136, 86, 126


 110, 62, 101


 85, 39, 77


 61, 16, 54

 39, 0, 33


 0, 0, 6

 247, 191, 234


 247, 191, 234

 247, 166, 228

 247, 216, 240

 247, 142, 223


 247, 240, 245

 247, 117, 217


 247, 252, 255

 247, 92, 211

 247, 251, 255

 247, 68, 205

 247, 43, 200

 247, 18, 194

 247, 0, 190

# Harmonies

## Analogous

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



216, 200, 255



247, 191, 234



255, 187, 206

# Triad

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



247, 191, 234



176, 226, 151



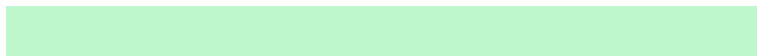
123, 176, 238

# Complementary

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



247, 191, 234



191, 236, 247

# 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.



134, 183, 224



247, 191, 234



160, 216, 181

# Square

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



247, 191, 234



250, 226, 158



162, 207, 221



140, 186, 255

# Rectangle

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



247, 191, 234



255, 188, 187



162, 207, 221



124, 175, 229



# Sweetspot

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



247, 191, 234



255, 237, 251



203, 191, 247



128, 117, 125



0, 0, 0



128, 128, 128



# Same Dimension

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



247, 191, 234



255, 186, 239



247, 191, 207



122, 110, 120



186, 0, 143



59, 0, 45



# Inverse Universe

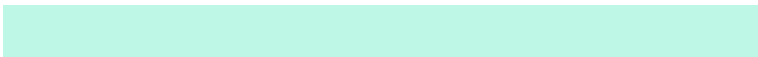
The Inverse Universe completely reimagines the original color for something new.



247, 191, 234



255, 186, 239



191, 224, 247



122, 110, 120



186, 0, 143



59, 0, 45



# Previews

## White Background



This preview shows how the RYB color 247, 191, 234 looks on a white background.

## Color Contrast Check

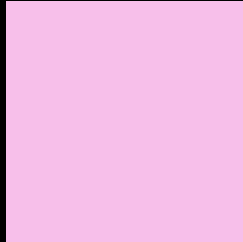
Large Text (above 18pt) WCAG AA × Fail

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 247, 191, 234 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 247, 191, 234 Background



This preview shows how black text looks on a background with the RYB color 247, 191, 234.



This preview shows how white text looks on a background with the RYB color 247, 191, 234.

# 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**  
247, 191, 234

**Protanopia**  
201, 205, 244

**Deuteranopia**  
217, 203, 232



**Tritanopia**  
244, 195, 210

# Trichromacy



**Original Color**

247, 191, 234



**Protanomaly**

218, 201, 240



**Deuteranomaly**

228, 199, 233



**Tritanomaly**

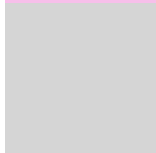
245, 194, 219

# Monochromacy



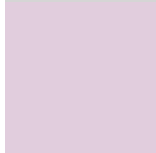
**Original Color**

247, 191, 234



**Achromatopsia**

213, 213, 213



**Achromatomaly**

225, 205, 221

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 247, 191, 234 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(247, 191, 234) looks like.

```
.text, #text, p{  
    color:rgb(247, 191, 234)  
}
```

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(247, 191, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 191, 234) }
```

## Border

The CSS property to change the border of an element to RYB 247, 191, 234 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(247, 191, 234) }
```

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

```
.border{ border-color:rgb(247, 191, 234) }
```

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

Here you see how a box with a 4 pixel rgb(247, 191, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 191, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 191, 234);  
box-shadow:4px 4px 4px 4px rgb(247, 191,  
234) }
```

# Background

The CSS property to change the background color of an element to RYB 247, 191, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 191, 234) }
```

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

```
.background{ background-color: rgb(247,  
191, 234) }
```

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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