

Converting Colors

`RYB(247, 191, 230)`

Have a look what the booklet for
RYB(247, 191, 230) contains.

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Color

R_YB(247, 191, 230)

Conversions

Conversions Part 1

Format	Color
Hex	F7BFE6
RGB	247, 191, 230
RGB Percent	97%, 75%, 90%
CMY	0.0314, 0.2510, 0.0980
CMYK	0.00, 0.23, 0.07, 0.03
HSL	318°, 78%, 86%
HSV	318°, 23%, 97%
XYZ	71.2715, 62.7489, 83.2183
YIQ	212.1900, 20.8570, 24.0010

Conversions

Conversions Part 2

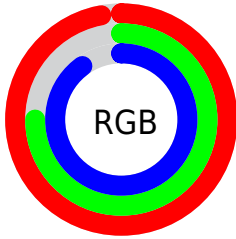
Format	Color
R_{YB}	247, 191, 230
Decimal	16236518
CIE Lab	83.31, 26.19, -11.63
CIE LCh	83, 28.658, 336.047
Yxy	62.7489, 0.3281, 0.2888
Android (android.graphics.Color)	4294426598 (0xFFFF7BFE6)
YUV	212.1900, 8.7803, 30.5284
Hunter-Lab	79.2142, 21.9771, -6.8370

Details

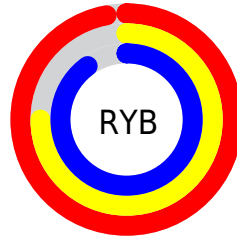
The RYB color **247, 191, 230** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **191, 234, 247**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **255, 248, 255**, and **190, 137, 174** is the 20% darker color. If you saturate the color by 10%, you get **247, 166, 223**, and if you desaturate by 10%, it is **247, 216, 237**.

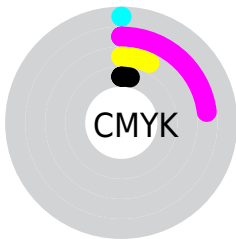
Distribution



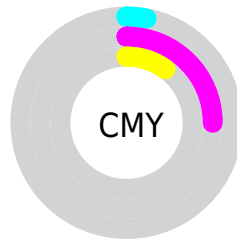
- Red (97%)
- Green (75%)
- Blue (90%)



- Red (97%)
- Yellow (75%)
- Blue (90%)



- Cyan (0%)
- Magenta (23%)
- Yellow (7%)
- Black (3%)



- Cyan (3%)
- Magenta (25%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 247, 191, 230 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, 230 by changing the saturation by 10% instead.

 247, 191, 230

 247, 191, 230

255, 255, 255

 218, 164, 202

 255, 248, 255


 190, 137, 174

 163, 111, 148

 136, 86, 122

 110, 63, 97

 85, 39, 73

 61, 17, 51

 39, 0, 30

 0, 0, 0

■ 247, 191, 230

■ 247, 191, 230

■ 247, 166, 223

■ 247, 216, 237

■ 247, 142, 215

■ 247, 240, 245

■ 247, 117, 208

■ 247, 252, 255

■ 247, 92, 200

■ 247, 251, 255

■ 247, 68, 193

■ 247, 43, 185

■ 247, 18, 178

■ 247, 0, 172

Harmonies

Analogous

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



219, 199, 251



247, 191, 230



255, 188, 203

Triad

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



247, 191, 230



172, 222, 154



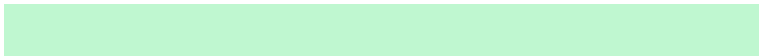
129, 179, 238

Complementary

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



247, 191, 230



191, 234, 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.



137, 183, 223



247, 191, 230



163, 216, 187

Square

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



247, 191, 230



246, 233, 159



161, 204, 221



147, 189, 255

Rectangle

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



247, 191, 230



255, 189, 185



161, 204, 221



129, 177, 230

Sweetspot

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



247, 191, 230



255, 237, 250



208, 191, 247



128, 117, 124



0, 0, 0



128, 128, 128

Same Dimension

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



247, 191, 230



255, 186, 234



247, 191, 202



122, 110, 119



186, 0, 130



59, 0, 41

Inverse Universe

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



247, 191, 230



255, 186, 234



191, 222, 247



122, 110, 119



186, 0, 130



59, 0, 41

Previews

White Background



This preview shows how the RYB color 247, 191, 230 looks on a white background.

Color Contrast Check

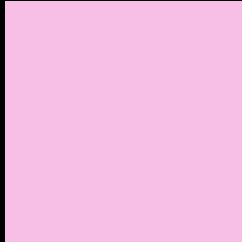
Large Text (above 18pt) WCAG AA × Fail

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, 230 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 247, 191, 230 Background



This preview shows how black text looks on a background with the R Y B color 247, 191, 230.




This preview shows how white text looks on a background with the R Y B color 247, 191, 230.

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





Tritanopia
244, 195, 210

Trichromacy



Original Color

247, 191, 230



Protanomaly

218, 201, 236



Deuteranomaly

229, 198, 229



Tritanomaly

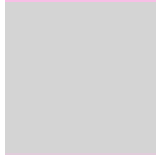
245, 194, 217

Monochromacy



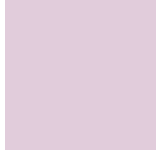
Original Color

247, 191, 230



Achromatopsia

212, 212, 212



Achromatomaly

225, 204, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 247, 191, 230 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, 230)` looks like.

```
.text, #text, p{  
    color:rgb(247, 191, 230)  
}
```

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, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 191, 230) }
```

Border

The CSS property to change the border of an element to RYB 247, 191, 230 is called "border". The border property can be set on classes, ids or directly on the HTML element.

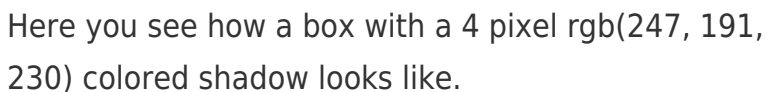
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 191, 230) }
```

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

```
.border{ border-color:rgb(247, 191, 230) }
```

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, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 191, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 191, 230); box-shadow:4px 4px 4px 4px rgb(247, 191, 230) }
```

Background

The CSS property to change the background color of an element to RYB 247, 191, 230 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, 230) }
```

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

```
.background{ background-color: rgb(247,  
191, 230) }
```

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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