

Converting Colors

`RYB(249, 192, 230)`

Have a look what the booklet for
RYB(249, 192, 230) contains.

RYB(249, 192, 230)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(249, 192, 230)

Conversions

Conversions Part 1

Format	Color
Hex	F9C0E6
RGB	249, 192, 230
RGB Percent	98%, 75%, 90%
CMY	0.0235, 0.2471, 0.0980
CMYK	0.00, 0.23, 0.08, 0.02
HSL	320°, 83%, 86%
HSV	320°, 23%, 98%
XYZ	72.1995, 63.5522, 83.3244
YIQ	213.3750, 21.7740, 23.9020

Conversions

Conversions Part 2

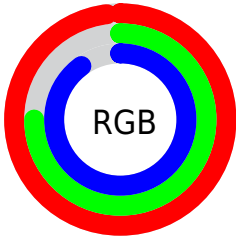
Format	Color
R _Y B	249, 192, 230
Decimal	16367846
CIE Lab	83.73, 26.33, -10.98
CIE LCh	84, 28.534, 337.358
Yxy	63.5522, 0.3296, 0.2901
Android (android.graphics.Color)	4294557926 (0xFFF9C0E6)
YUV	213.3750, 8.1961, 31.2431
Hunter-Lab	79.7196, 22.1523, -6.1672

Details

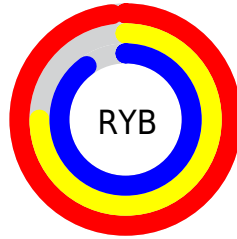
The RYB color `249, 192, 230` is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be `192, 235, 249`, and the grayscale version is `213, 213, 213`.

A 20% lighter version of the original color is `255, 249, 255`, and `192, 138, 174` is the 20% darker color. If you saturate the color by 10%, you get `249, 167, 222`, and if you desaturate by 10%, it is `249, 217, 238`.

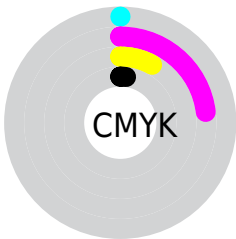
Distribution



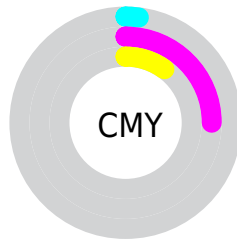
- Red (98%)
- Green (75%)
- Blue (90%)



- Red (98%)
- Yellow (75%)
- Blue (90%)



- Cyan (0%)
- Magenta (23%)
- Yellow (8%)
- Black (2%)



- Cyan (2%)
- Magenta (25%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 249, 192, 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 249, 192, 230 by changing the saturation by 10% instead.

 249, 192, 230


 249, 192, 230

255, 255, 255

 220, 165, 202

 255, 249, 255

 192, 138, 174

 164, 112, 148


 138, 87, 122

 112, 63, 97

 87, 40, 73


 62, 17, 51

 40, 0, 30

 0, 0, 0

 249, 192, 230

 249, 192, 230

 249, 167, 222

 249, 217, 238


 249, 142, 213

 249, 242, 247


 249, 117, 205

 249, 252, 255

 249, 92, 197

 249, 67, 189

 249, 43, 180

 249, 18, 172

 249, 0, 166

Harmonies

Analogous

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



221, 200, 251



249, 192, 230



255, 189, 203

Triad

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



249, 192, 230



171, 222, 155



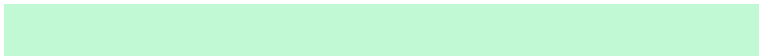
131, 181, 240

Complementary

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



249, 192, 230



192, 235, 249

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, 224



249, 192, 230



165, 217, 190

Square

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



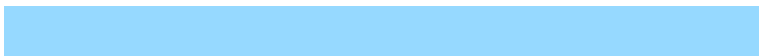
249, 192, 230



246, 235, 160



162, 204, 222



150, 191, 255

Rectangle

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



249, 192, 230



255, 192, 185



162, 204, 222



130, 179, 232

Sweetspot

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



249, 192, 230



255, 237, 249



211, 192, 249



128, 117, 124



0, 0, 0



128, 128, 128

Same Dimension

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



249, 192, 230



255, 186, 232



249, 192, 202



125, 112, 121



189, 0, 126



61, 0, 41

Inverse Universe

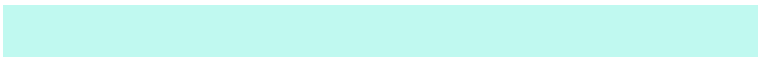
The Inverse Universe completely reimagines the original color for something new.



249, 192, 230



255, 186, 232



192, 223, 249



125, 112, 121



189, 0, 126



61, 0, 41

Previews

White Background



This preview shows how the RYB color 249, 192, 230 looks on a white background.

Color Contrast Check

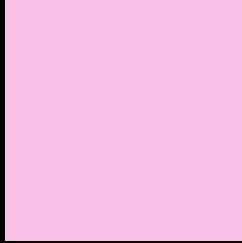
Large Text (above 18pt) WCAG AA × Fail

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 249, 192, 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](#).

RYP 249, 192, 230 Background



This preview shows how black text looks on a background with the RYB color 249, 192, 230.



This preview shows how white text looks on a background with the RYB color 249, 192, 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



Original Color
249, 192, 230

Protanopia
203, 207, 240

Deuteranopia
221, 203, 228



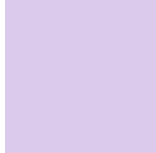
Tritanopia
246, 195, 211

Trichromacy



Original Color

249, 192, 230



Protanomaly

220, 202, 236



Deuteranomaly

231, 199, 229



Tritanomaly

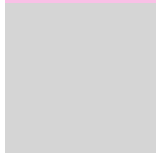
247, 194, 218

Monochromacy



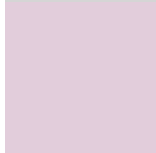
Original Color

249, 192, 230



Achromatopsia

213, 213, 213



Achromatomaly

226, 205, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 249, 192, 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(249, 192, 230) looks like.

```
.text, #text, p{  
    color:rgb(249, 192, 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(249, 192, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 192, 230) }
```

Border

The CSS property to change the border of an element to RYB 249, 192, 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(249, 192, 230) }
```

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

```
.border{ border-color:rgb(249, 192, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 192, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 192, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 192, 230);  
box-shadow:4px 4px 4px 4px rgb(249, 192,  
230) }
```

Background

The CSS property to change the background color of an element to RYB 249, 192, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 192, 230) }
```

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

```
.background{ background-color: rgb(249,  
192, 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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