

Converting Colors

`RYB(252, 191, 213)`

Have a look what the booklet for
RYB(252, 191, 213) contains.

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Color

R_YB(252, 191, 213)

Conversions

Conversions Part 1

Format	Color
Hex	FCBFD5
RGB	252, 191, 213
RGB Percent	99%, 75%, 84%
CMY	0.0118, 0.2510, 0.1647
CMYK	0.00, 0.24, 0.15, 0.01
HSL	338°, 91%, 87%
HSV	338°, 24%, 99%
XYZ	70.7859, 62.7611, 71.3341
YIQ	211.7470, 29.2940, 19.7740

Conversions

Conversions Part 2

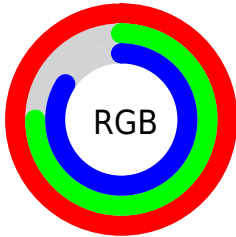
Format	Color
R _Y B	252, 191, 213
Decimal	16564181
CIE Lab	83.32, 25.13, -2.47
CIE LCh	83, 25.249, 354.390
Yxy	62.7611, 0.3455, 0.3063
Android (android.graphics.Color)	4294754261 (0xFFFCBFD5)
YUV	211.7470, 0.6177, 35.3019
Hunter-Lab	79.2219, 20.8539, 2.0687

Details

The RYB color **252, 191, 213** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **191, 228, 252**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **255, 248, 255**, and **195, 137, 158** is the 20% darker color. If you saturate the color by 10%, you get **252, 166, 197**, and if you desaturate by 10%, it is **252, 216, 229**.

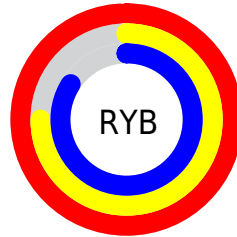
Distribution



Red (99%)

Green (75%)

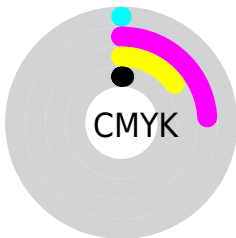
Blue (84%)



Red (99%)

Yellow (75%)

Blue (84%)

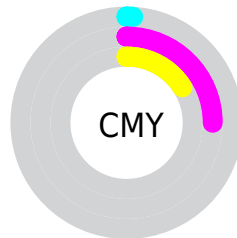


Cyan (0%)

Magenta (24%)

Yellow (15%)

Black (1%)



Cyan (1%)


Magenta (25%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the RYB color 252, 191, 213 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 252, 191, 213 by changing the saturation by 10% instead.

 252, 191, 213


255, 255, 255


 255, 248, 255


 252, 191, 213

 223, 164, 185


 195, 137, 158

 167, 111, 132

 140, 86, 107

 114, 63, 83

 88, 39, 60

 64, 17, 38

 42, 0, 18

 0, 0, 0

■ 252, 191, 213

■ 252, 191, 213

■ 252, 166, 197

■ 252, 216, 229

■ 252, 141, 181

■ 252, 241, 245

■ 252, 115, 165

■ 252, 254, 255

■ 252, 90, 149

■ 252, 65, 132

■ 252, 40, 116

■ 252, 15, 100

■ 252, 0, 91

Harmonies

Analogous

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



234, 195, 236



252, 191, 213



255, 192, 189

Triad

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



252, 191, 213



164, 212, 171



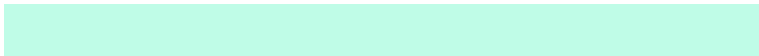
148, 188, 245

Complementary

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



252, 191, 213



191, 228, 252

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.



141, 182, 226



252, 191, 213



178, 217, 218

Square

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



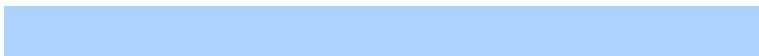
252, 191, 213



203, 230, 161



154, 193, 221



174, 199, 254

Rectangle

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



252, 191, 213



252, 202, 175



154, 193, 221



143, 186, 240

Sweetspot

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



252, 191, 213



255, 237, 244



230, 191, 252



128, 117, 121



0, 0, 0



128, 128, 128

Same Dimension

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



252, 191, 213



255, 181, 208



252, 200, 191



125, 112, 117



189, 0, 68



61, 0, 22

Inverse Universe

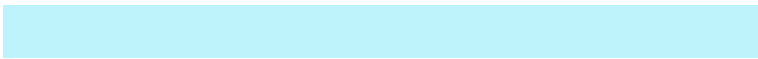
The Inverse Universe completely reimagines the original color for something new.



252, 191, 213



255, 181, 208



191, 219, 252



125, 112, 117



189, 0, 68



61, 0, 22

Previews

White Background



This preview shows how the RYB color 252, 191, 213 looks on a white background.

Color Contrast Check

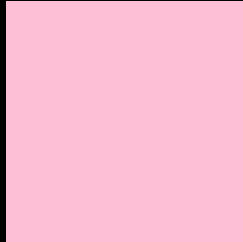
Large Text (above 18pt) WCAG AA × Fail

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 252, 191, 213 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 252, 191, 213 Background



This preview shows how black text looks on a background with the RYB color 252, 191, 213.



This preview shows how white text looks on a background with the RYB color 252, 191, 213.

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
252, 191, 213

Protanopia
207, 207, 222

Deuteranopia
226, 201, 211



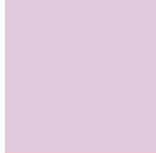
Tritanopia
251, 192, 207

Trichromacy



Original Color

252, 191, 213



Protanomaly

223, 201, 219



Deuteranomaly

235, 197, 212



Tritanomaly

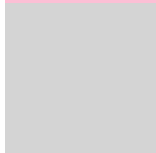
251, 192, 209

Monochromacy



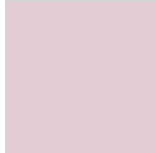
Original Color

252, 191, 213



Achromatopsia

212, 212, 212



Achromatomaly

227, 204, 212

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 191, 213 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(252, 191, 213) looks like.

```
.text, #text, p{  
    color:rgb(252, 191, 213)  
}
```

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(252, 191, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 191, 213) }
```

Border

The CSS property to change the border of an element to RYB 252, 191, 213 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(252, 191, 213) }
```

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

```
.border{ border-color:rgb(252, 191, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 191, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 191, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 191, 213);  
box-shadow:4px 4px 4px 4px rgb(252, 191,  
213) }
```

Background

The CSS property to change the background color of an element to RYB 252, 191, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 191, 213) }
```

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

```
.background{ background-color: rgb(252,  
191, 213) }
```

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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