

Converting Colors

`RYB(251, 173, 214)`

Have a look what the booklet for
RYB(251, 173, 214) contains.

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Color

$\text{RYB}(251, 173, 214)$

Conversions

Conversions Part 1

Format	Color
Hex	FBADD6
RGB	251, 173, 214
RGB Percent	98%, 68%, 84%
CMY	0.0157, 0.3216, 0.1608
CMYK	0.00, 0.31, 0.15, 0.02
HSL	328°, 91%, 83%
HSV	328°, 31%, 98%
XYZ	66.8648, 55.2514, 70.7588
YIQ	200.9960, 33.3270, 29.2870

Conversions

Conversions Part 2

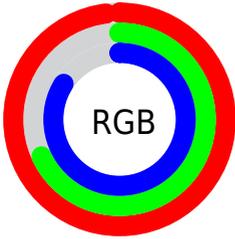
Format	Color
R _Y B	251, 173, 214
Decimal	16494038
CIE Lab	79.19, 34.41, -9.12
CIE LCh	79, 35.594, 345.151
Yxy	55.2514, 0.3467, 0.2865
Android (android.graphics.Color)	4294684118 (0xFFFBADD6)
YUV	200.9960, 6.4110, 43.8535
Hunter-Lab	74.3313, 30.4902, -4.4085

Details

The RYB color **251, 173, 214** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **173, 226, 251**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **255, 229, 255**, and **193, 120, 159** is the 20% darker color. If you saturate the color by 10%, you get **251, 148, 202**, and if you desaturate by 10%, it is **251, 198, 226**.

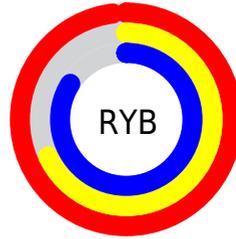
Distribution



Red (98%)

Green (68%)

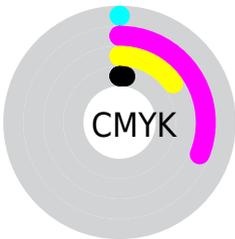
Blue (84%)



Red (98%)

Yellow (68%)

Blue (84%)

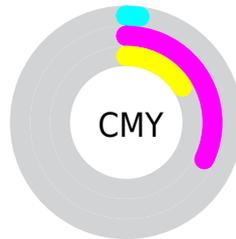


Cyan (0%)

Magenta (31%)

Yellow (15%)

Black (2%)



Cyan (2%)

Magenta (32%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 251, 173, 214 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 251, 173, 214 by changing the saturation by 10% instead.

 251, 173, 214

255, 255, 255

 255, 229, 255

 251, 173, 214

 222, 146, 186

 193, 120, 159

 165, 94, 133

 138, 69, 108

 112, 45, 84

 86, 20, 61

 61, 0, 39

 41, 0, 18

 0, 0, 0

 251, 173, 214

 251, 173, 214

 251, 148, 202

 251, 198, 226

 251, 123, 190

 251, 223, 238

 251, 98, 178

 251, 248, 250

 251, 73, 166

 251, 253, 255

 251, 48, 154

 251, 22, 143

 251, 0, 132

Harmonies

Analogous

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



221, 182, 243



251, 173, 214



255, 171, 180

Triad

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



251, 173, 214



135, 202, 132



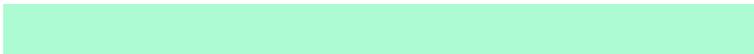
88, 156, 242

Complementary

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



251, 173, 214



173, 226, 251

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.



92, 154, 214



251, 173, 214



148, 208, 191

Square

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



251, 173, 214



216, 234, 132



125, 180, 213



127, 175, 255

Rectangle

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



251, 173, 214



255, 178, 160



125, 180, 213



84, 153, 233

Sweetspot

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



251, 173, 214



255, 232, 244



209, 173, 251



128, 113, 121



0, 0, 0



128, 128, 128

Same Dimension

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



251, 173, 214



255, 161, 210



251, 173, 176



125, 112, 119



189, 0, 99



61, 0, 32

Inverse Universe

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



251, 173, 214



255, 161, 210



173, 213, 251



125, 112, 119



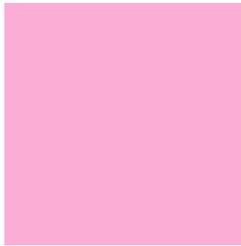
189, 0, 99



61, 0, 32

Previews

White Background



This preview shows how the RYB color 251, 173, 214 looks on a white background.

Color Contrast Check

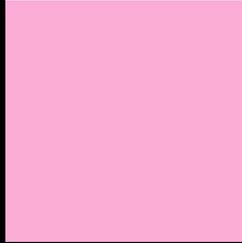
Large Text (above 18pt) WCAG AA × Fail

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 251, 173, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

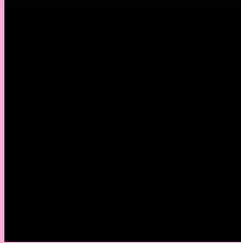
Any Text WCAG AA ✓ Pass

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 251, 173, 214 Background



This preview shows how black text looks on a background with the RYB color 251, 173, 214.



This preview shows how white text looks on a background with the RYB color 251, 173, 214.

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
251, 173, 214

Protanopia
190, 194, 228

Deuteranopia
209, 191, 211



Tritanopia
248, 177, 191

Trichromacy



Original Color

251, 173, 214



Protanomaly

212, 187, 223



Deuteranomaly

224, 184, 212



Tritanomaly

249, 176, 199

Monochromacy



Original Color

251, 173, 214



Achromatopsia

201, 201, 201



Achromatomaly

219, 191, 206

CSS Examples

Text

The CSS property to change the color of the text to RYB 251, 173, 214 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(251, 173, 214)` looks like.

```
.text, #text, p{  
    color:rgb(251, 173, 214)  
}
```

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(251, 173, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 173, 214) }
```

Border

The CSS property to change the border of an element to RYB 251, 173, 214 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(251, 173, 214) }
```

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

```
.border{ border-color:rgb(251, 173, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 173, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 173, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 173, 214);  
box-shadow:4px 4px 4px 4px rgb(251, 173,  
214) }
```

Background

The CSS property to change the background color of an element to RYB 251, 173, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 173, 214) }
```

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

```
.background{ background-color: rgb(251,  
173, 214) }
```

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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