

Converting Colors

`RYB(251, 171, 228)`

Have a look what the booklet for RYB(251, 171, 228) contains.

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Color

`RYB(251, 171, 228)`

Conversions

Conversions Part 1

Format	Color
Hex	FBABE4
RGB	251, 171, 228
RGB Percent	98%, 67%, 89%
CMY	0.0157, 0.3294, 0.1059
CMYK	0.00, 0.32, 0.09, 0.02
HSL	317°, 91%, 83%
HSV	317°, 32%, 98%
XYZ	68.3502, 55.2365, 80.4580
YIQ	201.4180, 29.3830, 34.6870

Conversions

Conversions Part 2

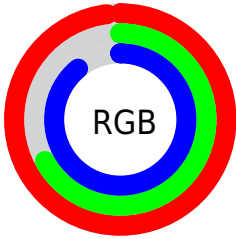
Format	Color
R_{YB}	251, 171, 228
Decimal	16493540
CIE _{Lab}	79.18, 37.71, -16.72
CIE _{LCh}	79, 41.249, 336.094
Yxy	55.2365, 0.3350, 0.2707
Android (android.graphics.Color)	4294683620 (0xFFFBABE4)
YUV	201.4180, 13.1049, 43.4834
Hunter-Lab	74.3213, 34.0968, -12.1608

Details

The RYB color **251, 171, 228** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **171, 233, 251**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **255, 227, 255**, and **193, 117, 173** is the 20% darker color. If you saturate the color by 10%, you get **251, 146, 221**, and if you desaturate by 10%, it is **251, 196, 235**.

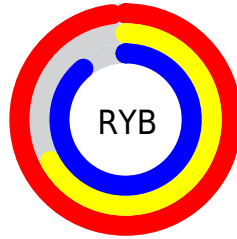
Distribution



Red (98%)

Green (67%)

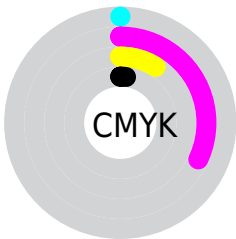
Blue (89%)



Red (98%)

Yellow (67%)

Blue (89%)

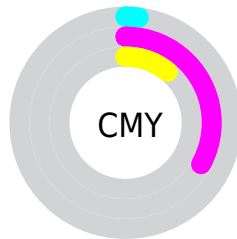


Cyan (0%)

Magenta (32%)

Yellow (9%)

Black (2%)



Cyan (2%)


Magenta (33%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the RYB color 251, 171, 228 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, 171, 228 by changing the saturation by 10% instead.

 251, 171, 228

255, 255, 255


 255, 227, 255

 251, 171, 228

 222, 144, 200


 193, 117, 173

 165, 92, 146

 138, 67, 120

 112, 42, 95

 86, 15, 71

 61, 0, 49

 40, 0, 28

 0, 0, 0

■ 251, 171, 228

■ 251, 171, 228

■ 251, 146, 221

■ 251, 196, 235

■ 251, 121, 214

■ 251, 221, 242

■ 251, 96, 206

■ 251, 246, 250

■ 251, 71, 199

■ 251, 253, 255

■ 251, 45, 192

■ 251, 20, 185

■ 251, 0, 179

Harmonies

Analogous

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



211, 183, 255



251, 171, 228



255, 166, 190

Triad

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



251, 171, 228



141, 214, 119



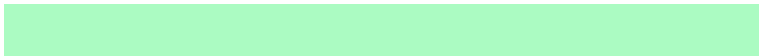
35, 131, 240

Complementary

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



251, 171, 228



171, 233, 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.



73, 149, 217



251, 171, 228



133, 207, 167

Square

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



251, 171, 228



247, 232, 127



126, 187, 214



87, 157, 255

Rectangle

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



251, 171, 228



255, 169, 164



126, 187, 214



40, 131, 229

Sweetspot

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



251, 171, 228



255, 230, 248



194, 171, 251



128, 112, 123



0, 0, 0



128, 128, 128

Same Dimension

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



251, 171, 228



255, 158, 227



251, 171, 188



125, 112, 121



189, 0, 134



61, 0, 44

Inverse Universe

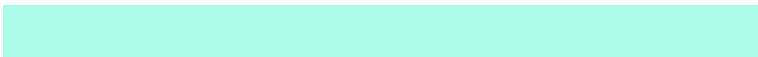
The Inverse Universe completely reimagines the original color for something new.



251, 171, 228



255, 158, 227



171, 216, 251



125, 112, 121



189, 0, 134



61, 0, 44

Previews

White Background



This preview shows how the RYB color 251, 171, 228 looks on a white background.

Color Contrast Check

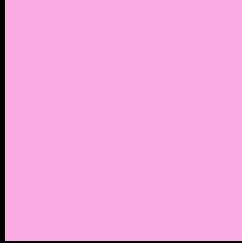
Large Text (above 18pt) WCAG AA × Fail

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, 171, 228 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, 171, 228 Background



This preview shows how black text looks on a background with the RYB color 251, 171, 228.



This preview shows how white text looks on a background with the RYB color 251, 171, 228.

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, 171, 228

Protanopia
185, 194, 244

Deuteranopia
202, 191, 224



Tritanopia
246, 178, 191

Trichromacy



Original Color

251, 171, 228



Protanomaly

209, 186, 238



Deuteranomaly

220, 184, 225



Tritanomaly

248, 175, 204

Monochromacy



Original Color

251, 171, 228



Achromatopsia

201, 201, 201



Achromatomaly

219, 190, 211

CSS Examples

Text

The CSS property to change the color of the text to RYB 251, 171, 228 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, 171, 228) looks like.

```
.text, #text, p{  
    color:rgb(251, 171, 228)  
}
```

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, 171, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 171, 228) }
```

Border

The CSS property to change the border of an element to RYB 251, 171, 228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

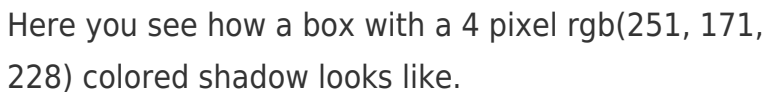
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(251, 171, 228) }
```

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

```
.border{ border-color:rgb(251, 171, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(251, 171, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 171, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 171, 228); box-shadow:4px 4px 4px 4px rgb(251, 171, 228) }
```

Background

The CSS property to change the background color of an element to RYB 251, 171, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 171, 228) }
```

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

```
.background{ background-color: rgb(251,  
171, 228) }
```

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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