

Converting Colors

`RYB(251, 172, 215)`

Have a look what the booklet for
RYB(251, 172, 215) contains.

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Color

R_YB(251, 172, 215)

Conversions

Conversions Part 1

Format	Color
Hex	FBACD7
RGB	251, 172, 215
RGB Percent	98%, 67%, 84%
CMY	0.0157, 0.3255, 0.1569
CMYK	0.00, 0.31, 0.14, 0.02
HSL	327°, 91%, 83%
HSV	327°, 31%, 98%
XYZ	66.8019, 54.9206, 71.3699
YIQ	200.5230, 33.2810, 30.1210

Conversions

Conversions Part 2

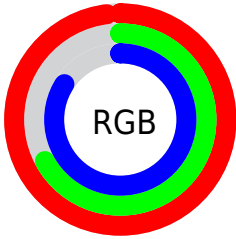
Format	Color
R_{YB}	251, 172, 215
Decimal	16493783
CIE _{Lab}	79.00, 35.09, -9.95
CIE _{LCh}	79, 36.469, 344.171
Yxy	54.9206, 0.3460, 0.2844
Android (android.graphics.Color)	4294683863 (0xFFFBACD7)
YUV	200.5230, 7.1372, 44.2683
Hunter-Lab	74.1084, 31.2116, -5.2231

Details

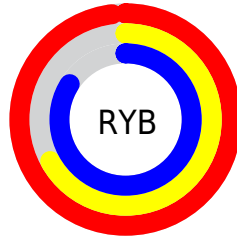
The RYB color **251, 172, 215** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **172, 226, 251**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **255, 228, 255**, and **193, 119, 160** is the 20% darker color. If you saturate the color by 10%, you get **251, 147, 204**, and if you desaturate by 10%, it is **251, 197, 226**.

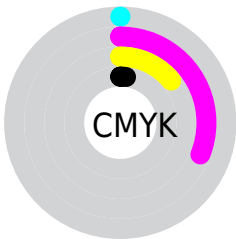
Distribution



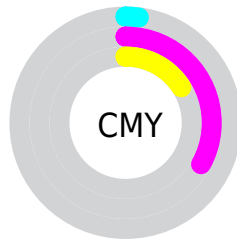
- Red (98%)
- Green (67%)
- Blue (84%)



- Red (98%)
- Yellow (67%)
- Blue (84%)



- Cyan (0%)
- Magenta (31%)
- Yellow (14%)
- Black (2%)




- Cyan (2%)
- Magenta (33%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the RYB color 251, 172, 215 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, 172, 215 by changing the saturation by 10% instead.

 251, 172, 215

255, 255, 255


 255, 228, 255

 251, 172, 215

 222, 145, 187

 193, 119, 160

 165, 93, 134

 138, 68, 109


 112, 44, 84


 86, 18, 61


 61, 0, 39


 40, 0, 19


 0, 0, 0

 251, 172, 215


 251, 172, 215

 251, 147, 204


 251, 197, 226


 251, 122, 192


 251, 222, 238


 251, 97, 181

 251, 247, 249

 251, 72, 169

 251, 253, 255

 251, 47, 158

 251, 21, 146

 251, 0, 137

Harmonies

Analogous

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



220, 181, 244



251, 172, 215



255, 170, 181

Triad

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



251, 172, 215



133, 203, 129



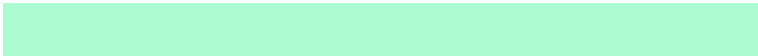
82, 153, 242

Complementary

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



251, 172, 215



172, 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.



87, 151, 214



251, 172, 215



146, 208, 189

Square

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



251, 172, 215



220, 235, 131



124, 180, 213



122, 173, 255

Rectangle

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



251, 172, 215



255, 177, 159



124, 180, 213



78, 150, 233

Sweetspot

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



251, 172, 215



255, 232, 245



208, 172, 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, 172, 215



255, 158, 211



251, 172, 176



125, 112, 119



189, 0, 103



61, 0, 33

Inverse Universe

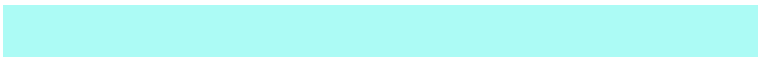
The Inverse Universe completely reimagines the original color for something new.



251, 172, 215



255, 158, 211



172, 213, 251



125, 112, 119



189, 0, 103



61, 0, 33

Previews

White Background



This preview shows how the RYB color 251, 172, 215 looks on a white background.

Color Contrast Check

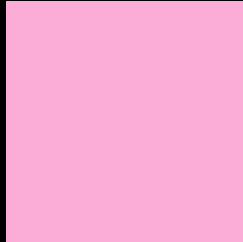
Large Text (above 18pt) WCAG AA × Fail

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, 172, 215 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, 172, 215 Background



This preview shows how black text looks on a background with the RYB color 251, 172, 215.



This preview shows how white text looks on a background with the RYB color 251, 172, 215.

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, 172, 215

Protanopia
189, 193, 229

Deuteranopia
208, 190, 212



Tritanopia
248, 176, 190

Trichromacy



Original Color

251, 172, 215



Protanomaly

212, 186, 224



Deuteranomaly

224, 183, 213



Tritanomaly

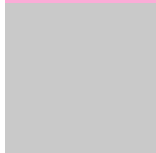
249, 175, 199

Monochromacy



Original Color

251, 172, 215



Achromatopsia

201, 201, 201



Achromatomaly

219, 190, 206

CSS Examples

Text

The CSS property to change the color of the text to RYB 251, 172, 215 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, 172, 215) looks like.

```
.text, #text, p{  
    color:rgb(251, 172, 215)  
}
```

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, 172, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 172, 215) }
```

Border

The CSS property to change the border of an element to RYB 251, 172, 215 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, 172, 215) }
```

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

```
.border{ border-color:rgb(251, 172, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 172, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 172, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 172, 215);  
box-shadow:4px 4px 4px 4px rgb(251, 172,  
215) }
```

Background

The CSS property to change the background color of an element to RYB 251, 172, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 172, 215) }
```

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

```
.background{ background-color: rgb(251,  
172, 215) }
```

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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