

Converting Colors

`RYB(251, 202, 224)`

Have a look what the booklet for
RYB(251, 202, 224) contains.

| | |
|--|----|
| RYB(251, 202, 224) | 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(251, 202, 224)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | FBCAE0 |
| RGB | 251, 202, 224 |
| RGB Percent | 98%, 79%, 88% |
| CMY | 0.0157, 0.2078, 0.1216 |
| CMYK | 0.00, 0.20, 0.11, 0.02 |
| HSL | 333°, 86%, 89% |
| HSV | 333°, 20%, 98% |
| XYZ | 74.3587, 68.1321, 79.7527 |
| YIQ | 219.1590, 22.1420, 17.2300 |

Conversions

Conversions Part 2

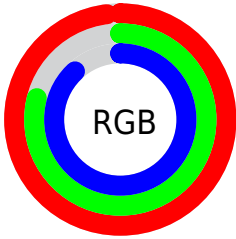
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 251, 202, 224 |
| Decimal | 16501472 |
| CIE Lab | 86.07, 20.75, -4.30 |
| CIE LCh | 86, 21.190, 348.299 |
| Yxy | 68.1321, 0.3346, 0.3066 |
| Android (android.graphics.Color) | 4294691552 (0xFFFBCE0) |
| YUV | 219.1590, 2.3866, 27.9246 |
| Hunter-Lab | 82.5422, 16.3543, 0.4932 |

Details

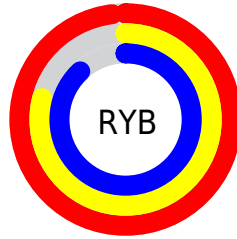
The RYB color **251, 202, 224** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **202, 234, 251**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is 255, 255, 255, and **194, 148, 169** is the 20% darker color. If you saturate the color by 10%, you get **251, 177, 210**, and if you desaturate by 10%, it is **251, 227, 238**.

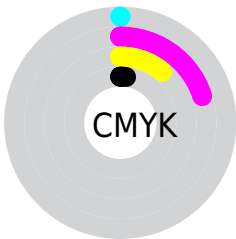
Distribution



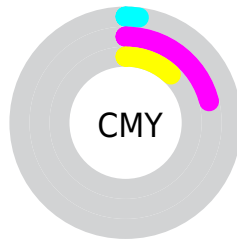
- Red (98%)
- Green (79%)
- Blue (88%)



- Red (98%)
- Yellow (79%)
- Blue (88%)



- Cyan (0%)
- Magenta (20%)
- Yellow (11%)
- Black (2%)



- Cyan (2%)
- Magenta (21%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the RYB color 251, 202, 224 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, 202, 224 by changing the saturation by 10% instead.

 251, 202, 224

255, 255, 255

 251, 202, 224

 222, 174, 196

 194, 148, 169

 167, 122, 142

 140, 97, 117

 114, 73, 92

 89, 49, 69

 65, 27, 46

 42, 5, 26

 10, 0, 0

■ 251, 202, 224

■ 251, 202, 224

■ 251, 177, 210

■ 251, 227, 238

■ 251, 152, 196

■ 251, 252, 252

■ 251, 127, 183

■ 251, 253, 255

■ 251, 102, 169

■ 251, 77, 155

■ 251, 51, 141

■ 251, 26, 127

■ 251, 1, 113

■ 251, 0, 113

Harmonies

Analogous

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



234, 206, 242



251, 202, 224



255, 202, 204

Triad

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



251, 202, 224



177, 218, 177



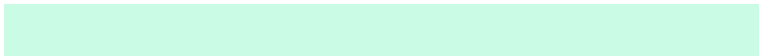
165, 199, 245

Complementary

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



251, 202, 224



202, 234, 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.



162, 195, 227



251, 202, 224



188, 223, 216

Square

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



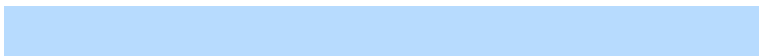
251, 202, 224



226, 239, 176



174, 206, 226



183, 207, 254

Rectangle

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



251, 202, 224



255, 207, 191



174, 206, 226



162, 197, 239

Sweetspot

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



251, 202, 224



255, 240, 247



229, 202, 251



128, 119, 123



0, 0, 0



128, 128, 128

Same Dimension

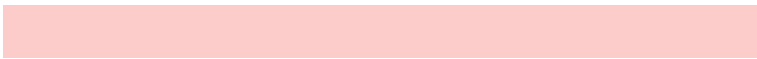
The Same Dimension uses a secret algorithm to generate beautiful new colors.



251, 202, 224



255, 196, 223



251, 204, 202



125, 112, 118



189, 0, 85



61, 0, 27

Inverse Universe

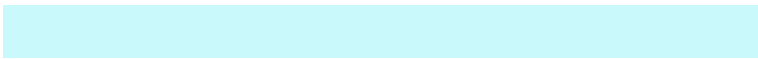
The Inverse Universe completely reimagines the original color for something new.



251, 202, 224



255, 196, 223



202, 226, 251



125, 112, 118



189, 0, 85



61, 0, 27

Previews

White Background



This preview shows how the RYB color 251, 202, 224 looks on a white background.

Color Contrast Check

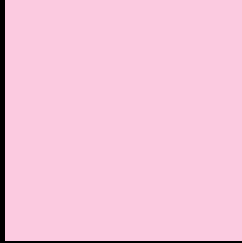
Large Text (above 18pt) WCAG AA × Fail

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, 202, 224 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, 202, 224 Background



This preview shows how black text looks on a background with the RYB color 251, 202, 224.



This preview shows how white text looks on a background with the RYB color 251, 202, 224.

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, 202, 224

Protanopia
215, 214, 231

Deuteranopia
233, 209, 223



Tritanopia
250, 203, 219

Trichromacy



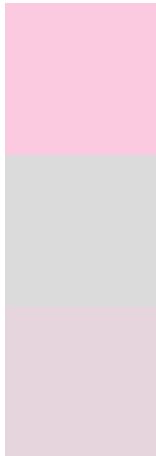
Original Color
251, 202, 224

Protanomaly
228, 210, 228

Deuteranomaly
240, 206, 223

Tritanomaly
250, 203, 221

Monochromacy



Original Color
251, 202, 224

Achromatopsia
219, 219, 219

Achromatomaly
231, 213, 221

CSS Examples

Text

The CSS property to change the color of the text to RYB 251, 202, 224 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, 202, 224) looks like.

```
.text, #text, p{  
    color:rgb(251, 202, 224)  
}
```

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, 202, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 202, 224) }
```

Border

The CSS property to change the border of an element to RYB 251, 202, 224 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, 202, 224) }
```

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

```
.border{ border-color:rgb(251, 202, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 202, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 202, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 202, 224);  
box-shadow:4px 4px 4px 4px rgb(251, 202,  
224) }
```

Background

The CSS property to change the background color of an element to RYB 251, 202, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 202, 224) }
```

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

```
.background{ background-color: rgb(251,  
202, 224) }
```

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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