

Converting Colors

`RYB(255, 202, 215)`

Have a look what the booklet for
RYB(255, 202, 215) contains.

RYB(255, 202, 215)	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(255, 202, 215)

Conversions

Conversions Part 1

Format	Color
Hex	FFCAD7
RGB	255, 202, 215
RGB Percent	100%, 79%, 84%
CMY	0.0000, 0.2078, 0.1569
CMYK	0.00, 0.21, 0.16, 0.00
HSL	345°, 100%, 90%
HSV	345°, 21%, 100%
XYZ	74.6263, 68.4074, 73.5607
YIQ	219.3290, 27.4150, 15.2790

Conversions

Conversions Part 2

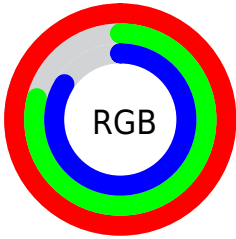
Format	Color
R _Y B	255, 202, 215
Decimal	16763607
CIE Lab	86.21, 20.71, 0.73
CIE LCh	86, 20.723, 2.022
Yxy	68.4074, 0.3445, 0.3158
Android (android.graphics.Color)	4294953687 (0xFFFFCAD7)
YUV	219.3290, -2.1342, 31.2835
Hunter-Lab	82.7087, 16.3163, 5.1639

Details

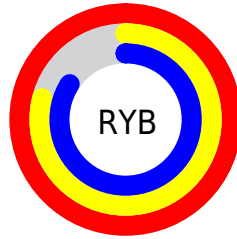
The RYB color **255, 202, 215** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **202, 232, 255**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is 255, 255, 255, and **198, 148, 160** is the 20% darker color. If you saturate the color by 10%, you get **255, 177, 196**, and if you desaturate by 10%, it is **255, 227, 234**.

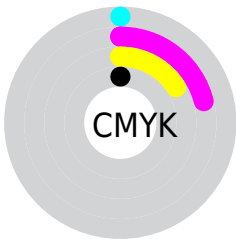
Distribution



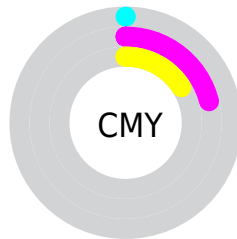
- Red (100%)
- Green (79%)
- Blue (84%)



- Red (100%)
- Yellow (79%)
- Blue (84%)



- Cyan (0%)
- Magenta (21%)
- Yellow (16%)
- Black (0%)



- Cyan (0%)
- Magenta (21%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the RYB color 255, 202, 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 255, 202, 215 by changing the saturation by 10% instead.


 255, 202, 215


255, 255, 255

 255, 202, 215


 226, 174, 187

 198, 148, 160

 170, 122, 134

 143, 97, 109

 117, 72, 85

 91, 49, 62

 67, 27, 40

 44, 5, 19


 11, 0, 0

 255, 202, 215

 255, 202, 215

 255, 177, 196


 255, 227, 234


 255, 151, 177

 255, 253, 253

 255, 125, 157

255, 255, 255

 255, 100, 138

 255, 75, 119

 255, 49, 100

 255, 24, 80

 255, 0, 63

Harmonies

Analogous

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



243, 205, 234



255, 202, 215



255, 204, 196

Triad

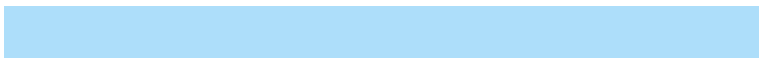
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 202, 215



182, 221, 195



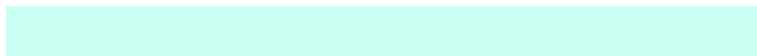
173, 203, 250

Complementary

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



255, 202, 215



202, 232, 255

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.



163, 197, 236



255, 202, 215



186, 216, 225

Square

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



255, 202, 215



198, 230, 177



169, 201, 227



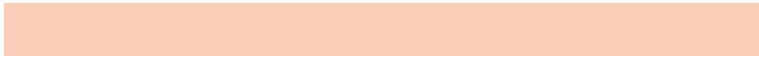
195, 211, 255

Rectangle

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



255, 202, 215



251, 216, 185



169, 201, 227



168, 201, 246

Sweetspot

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



255, 202, 215



255, 240, 243



242, 202, 255



128, 119, 121



0, 0, 0



128, 128, 128

Same Dimension

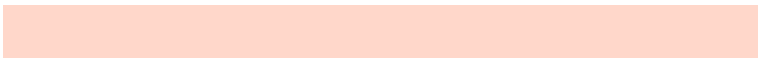
The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 202, 215



255, 191, 207



255, 219, 202



128, 115, 118



191, 0, 47



64, 0, 16

Inverse Universe

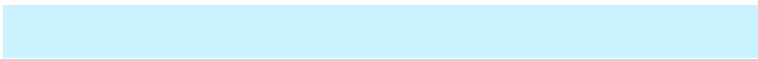
The Inverse Universe completely reimagines the original color for something new.



255, 202, 215



255, 191, 207



202, 225, 255



128, 115, 118



191, 0, 47



64, 0, 16

Previews

White Background



This preview shows how the RYB color 255, 202, 215 looks on a white background.

Color Contrast Check

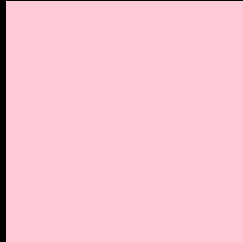
Large Text (above 18pt) WCAG AA × Fail

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 255, 202, 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 255, 202, 215 Background



This preview shows how black text looks on a background with the RYB color 255, 202, 215.

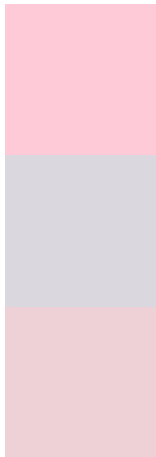


This preview shows how white text looks on a background with the RYB color 255, 202, 215.

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
255, 202, 215

Protanopia
218, 215, 222

Deuteranopia
238, 209, 214



Tritanopia
255, 202, 217

Trichromacy



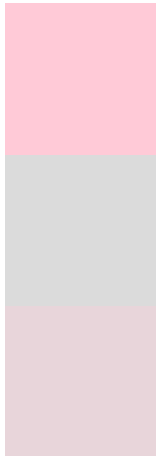
Original Color
255, 202, 215

Protanomaly
231, 210, 219

Deuteranomaly
244, 206, 214

Tritanomaly
255, 202, 216

Monochromacy



Original Color
255, 202, 215

Achromatopsia
219, 219, 219

Achromatomaly
232, 213, 218

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 202, 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(255, 202, 215) looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 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(255, 202, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 215) }
```

Border

The CSS property to change the border of an element to RYB 255, 202, 215 is called "border". The border property can be set on classes, ids or directly on the HTML element.

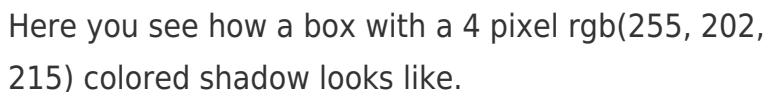
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 202, 215) }
```

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

```
.border{ border-color:rgb(255, 202, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 202, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
215) }
```

Background

The CSS property to change the background color of an element to RGB 255, 202, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 215) }
```

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

```
.background{ background-color: rgb(255,  
202, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor