

Converting Colors

`RYB(243, 202, 219)`

Have a look what the booklet for RYB(243, 202, 219) contains.

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Color

R_YB(243, 202, 219)

Conversions

Conversions Part 1

Format	Color
Hex	F3CADB
RGB	243, 202, 219
RGB Percent	95%, 79%, 86%
CMY	0.0471, 0.2078, 0.1412
CMYK	0.00, 0.17, 0.10, 0.05
HSL	335°, 63%, 87%
HSV	335°, 17%, 95%
XYZ	70.8689, 66.4102, 76.1011
YIQ	216.1970, 18.9790, 13.9790

Conversions

Conversions Part 2

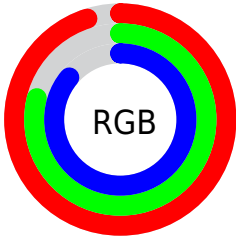
Format	Color
R _Y B	243, 202, 219
Decimal	15977179
CIE Lab	85.21, 17.16, -3.00
CIE LCh	85, 17.424, 350.092
Yxy	66.4102, 0.3321, 0.3112
Android (android.graphics.Color)	4294167259 (0xFFF3CADB)
YUV	216.1970, 1.3819, 23.5062
Hunter-Lab	81.4925, 12.6184, 1.6772

Details

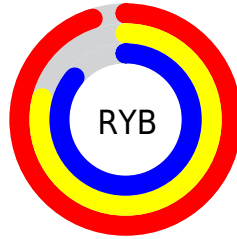
The RYB color **243, 202, 219** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **202, 228, 243**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is 255, 255, 255, and **187, 148, 164** is the 20% darker color. If you saturate the color by 10%, you get **243, 178, 205**, and if you desaturate by 10%, it is **243, 226, 233**.

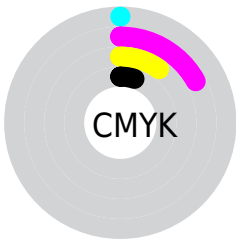
Distribution



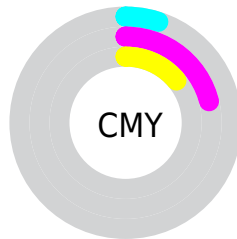
- Red (95%)
- Green (79%)
- Blue (86%)



- Red (95%)
- Yellow (79%)
- Blue (86%)



- Cyan (0%)
- Magenta (17%)
- Yellow (10%)
- Black (5%)



- Cyan (5%)
- Magenta (21%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 243, 202, 219 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 243, 202, 219 by changing the saturation by 10% instead.

■ 243, 202, 219

255, 255, 255

■ 243, 202, 219

■ 214, 175, 191

■ 187, 148, 164

■ 159, 122, 138

■ 133, 97, 112

■ 107, 73, 88

■ 83, 50, 65

■ 59, 28, 43

■ 37, 6, 22

■ 0, 0, 0

 243, 202, 219

 243, 202, 219

 243, 178, 205


 243, 226, 233


 243, 153, 191


 243, 248, 251


 243, 129, 176

 243, 249, 255

 243, 105, 162

 243, 80, 148

 243, 56, 134

 243, 32, 119

 243, 8, 105

 243, 0, 101

Harmonies

Analogous

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



229, 205, 234



243, 202, 219



248, 202, 202

Triad

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



243, 202, 219



182, 215, 183



174, 201, 237

Complementary

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



243, 202, 219



202, 228, 243

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.



170, 196, 223



243, 202, 219



191, 220, 216

Square

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



243, 202, 219



217, 231, 181



179, 205, 222



188, 207, 245

Rectangle

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



243, 202, 219



246, 207, 192



179, 205, 222



171, 199, 233

Sweetspot

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



243, 202, 219



255, 242, 248



226, 202, 243



128, 120, 123



0, 0, 0



128, 128, 128

Same Dimension

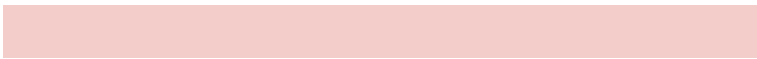
The Same Dimension uses a secret algorithm to generate beautiful new colors.



243, 202, 219



255, 204, 225



243, 205, 202



122, 110, 115



186, 0, 77



59, 0, 24

Inverse Universe

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



243, 202, 219



255, 204, 225



202, 222, 243



122, 110, 115



186, 0, 77



59, 0, 24

Previews

White Background



This preview shows how the RYB color 243, 202, 219 looks on a white background.

Color Contrast Check

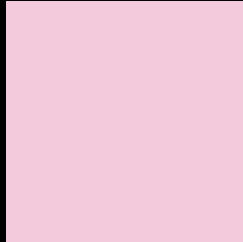
Large Text (above 18pt) WCAG AA × Fail

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 243, 202, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

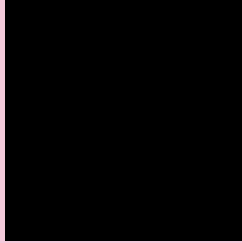
Any Text WCAG AA ✓ Pass

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](#).

RYP 243, 202, 219 Background



This preview shows how black text looks on a background with the RYB color 243, 202, 219.

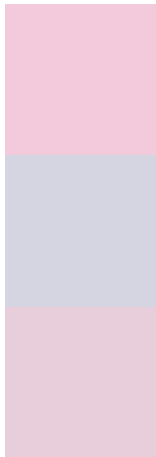


This preview shows how white text looks on a background with the RYB color 243, 202, 219.

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
243, 202, 219

Protanopia
213, 212, 225

Deuteranopia
231, 206, 218



Tritanopia
243, 202, 218

Trichromacy



Original Color
243, 202, 219

Protanomaly
224, 208, 223

Deuteranomaly
235, 205, 218

Tritanomaly
243, 202, 218

Monochromacy



Original Color
243, 202, 219

Achromatopsia
216, 216, 216

Achromatomaly
226, 211, 217

CSS Examples

Text

The CSS property to change the color of the text to RYB 243, 202, 219 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(243, 202, 219) looks like.

```
.text, #text, p{  
    color:rgb(243, 202, 219)  
}
```

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(243, 202, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 202, 219) }
```

Border

The CSS property to change the border of an element to RYB 243, 202, 219 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(243, 202, 219) }
```

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

```
.border{ border-color:rgb(243, 202, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 202, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 202, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 202, 219); box-shadow:4px 4px 4px 4px rgb(243, 202, 219) }
```

Background

The CSS property to change the background color of an element to RYB 243, 202, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 202, 219) }
```

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

```
.background{ background-color: rgb(243,  
202, 219) }
```

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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