

Converting Colors

`RYB(244, 202, 213)`

Have a look what the booklet for
RYB(244, 202, 213) contains.

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Color

R_YB(244, 202, 213)

Conversions

Conversions Part 1

Format	Color
Hex	F4CAD5
RGB	244, 202, 213
RGB Percent	96%, 79%, 84%
CMY	0.0431, 0.2078, 0.1647
CMYK	0.00, 0.17, 0.13, 0.04
HSL	344°, 66%, 87%
HSV	344°, 17%, 96%
XYZ	70.4390, 66.2783, 72.0312
YIQ	215.8120, 21.5010, 12.3250

Conversions

Conversions Part 2

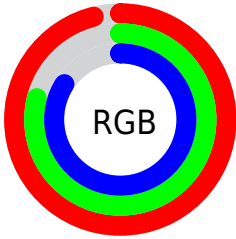
Format	Color
RYB	244, 202, 213
Decimal	16042709
CIELab	85.14, 16.54, 0.11
CIElCh	85, 16.535, 0.376
Yxy	66.2783, 0.3374, 0.3175
Android (android.graphics.Color)	4294232789 (0xFFFF4CAD5)
YUV	215.8120, -1.3863, 24.7209
Hunter-Lab	81.4115, 11.9721, 4.5294

Details

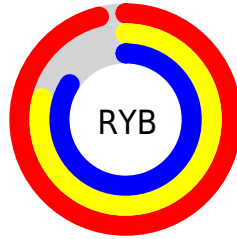
The RYB color **244, 202, 213** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **202, 226, 244**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is 255, 255, 255, and **187, 148, 158** is the 20% darker color. If you saturate the color by 10%, you get **244, 178, 195**, and if you desaturate by 10%, it is **244, 226, 231**.

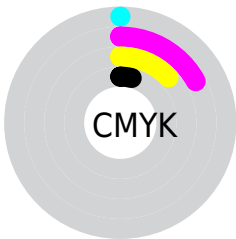
Distribution



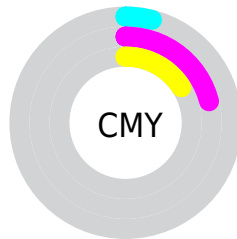
- Red (96%)
- Green (79%)
- Blue (84%)



- Red (96%)
- Yellow (79%)
- Blue (84%)



- Cyan (0%)
- Magenta (17%)
- Yellow (13%)
- Black (4%)



- Cyan (4%)
- Magenta (21%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 244, 202, 213 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 244, 202, 213 by changing the saturation by 10% instead.

■ 244, 202, 213

255, 255, 255

■ 244, 202, 213

■ 215, 175, 185

■ 187, 148, 158

■ 160, 122, 132

■ 134, 97, 107

■ 108, 73, 83

■ 83, 50, 60

■ 59, 28, 38

■ 38, 6, 18

■ 0, 0, 0

■ 244, 202, 213

■ 244, 202, 213

■ 244, 178, 195

■ 244, 226, 231

■ 244, 153, 177

■ 244, 248, 251

■ 244, 129, 159

■ 244, 250, 255

■ 244, 104, 141

■ 244, 80, 123

■ 244, 56, 105

■ 244, 31, 87

■ 244, 7, 69

■ 244, 0, 64

Harmonies

Analogous

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



233, 204, 228



244, 202, 213



246, 204, 198

Triad

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



244, 202, 213



186, 217, 195



179, 203, 239

Complementary

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



244, 202, 213



202, 226, 244

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.



172, 198, 228



244, 202, 213



190, 214, 220

Square

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



244, 202, 213



201, 225, 182



177, 202, 222



196, 209, 244

Rectangle

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



244, 202, 213



242, 212, 189



177, 202, 222



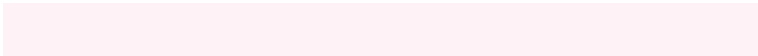
176, 201, 236

Sweetspot

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



244, 202, 213



255, 242, 246



233, 202, 244



128, 120, 122



0, 0, 0



128, 128, 128

Same Dimension

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



244, 202, 213



255, 201, 215



244, 215, 202



122, 110, 113



186, 0, 49



59, 0, 15

Inverse Universe

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



244, 202, 213



255, 201, 215



202, 220, 244



122, 110, 113



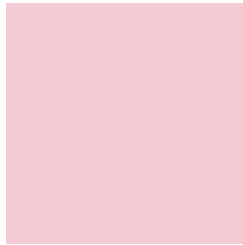
186, 0, 49



59, 0, 15

Previews

White Background



This preview shows how the RYB color 244, 202, 213 looks on a white background.

Color Contrast Check

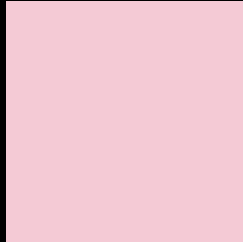
Large Text (above 18pt) WCAG AA × Fail

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 244, 202, 213 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 244, 202, 213 Background



This preview shows how black text looks on a background with the RYB color 244, 202, 213.



This preview shows how white text looks on a background with the RYB color 244, 202, 213.

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
244, 202, 213

Protanopia
215, 212, 219

Deuteranopia
233, 206, 212



Tritanopia
245, 201, 217

Trichromacy



Original Color
244, 202, 213

Protanomaly
226, 208, 217

Deuteranomaly
237, 205, 212

Tritanomaly
245, 201, 216

Monochromacy



Original Color
244, 202, 213

Achromatopsia
216, 216, 216

Achromatomaly
226, 211, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 244, 202, 213 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(244, 202, 213) looks like.

```
.text, #text, p{  
    color:rgb(244, 202, 213)  
}
```

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(244, 202, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 202, 213) }
```

Border

The CSS property to change the border of an element to RYB 244, 202, 213 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(244, 202, 213) }
```

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

```
.border{ border-color:rgb(244, 202, 213) }
```

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

Here you see how a box with a 4 pixel rgb(244, 202, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 202, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 202, 213);  
box-shadow:4px 4px 4px 4px rgb(244, 202,  
213) }
```

Background

The CSS property to change the background color of an element to RYB 244, 202, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 202, 213) }
```

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

```
.background{ background-color: rgb(244,  
202, 213) }
```

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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