

Converting Colors

`RYB(243, 198, 207)`

Have a look what the booklet for RYB(243, 198, 207) contains.

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Color

R_YB(243, 198, 207)

Conversions

Conversions Part 1

Format	Color
Hex	F3C6CF
RGB	243, 198, 207
RGB Percent	95%, 78%, 81%
CMY	0.0471, 0.2235, 0.1882
CMYK	0.00, 0.19, 0.15, 0.05
HSL	348°, 65%, 86%
HSV	348°, 19%, 95%
XYZ	68.4187, 63.9478, 67.7686
YIQ	212.4810, 23.9310, 12.3390

Conversions

Conversions Part 2

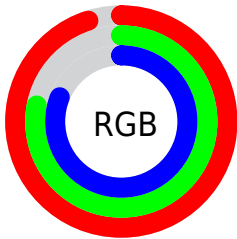
Format	Color
R _Y B	243, 198, 207
Decimal	15976143
CIE Lab	83.94, 17.34, 1.55
CIE LCh	84, 17.407, 5.102
Yxy	63.9478, 0.3419, 0.3195
Android (android.graphics.Color)	4294166223 (0xFFFF3C6CF)
YUV	212.4810, -2.7021, 26.7652
Hunter-Lab	79.9674, 12.7786, 5.7317

Details

The RYB color **243, 198, 207** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **198, 223, 243**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is 255, 255, 255, and **186, 144, 153** is the 20% darker color. If you saturate the color by 10%, you get **243, 174, 188**, and if you desaturate by 10%, it is **243, 222, 226**.

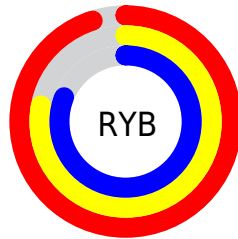
Distribution



Red (95%)

Green (78%)

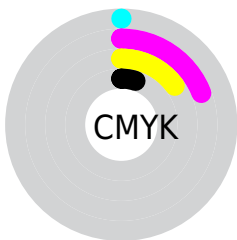
Blue (81%)



Red (95%)

Yellow (78%)

Blue (81%)

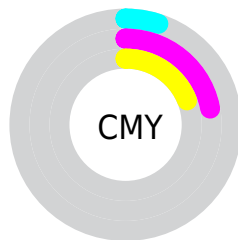


Cyan (0%)

Magenta (19%)

Yellow (15%)

Black (5%)



Cyan (5%)

Magenta (22%)

Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the RYB color 243, 198, 207 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, 198, 207 by changing the saturation by 10% instead.

 243, 198, 207


255, 255, 255

 243, 198, 207

 214, 171, 179


 186, 144, 153

 159, 118, 127

 133, 93, 102

 107, 70, 78

 82, 47, 55


 58, 25, 34

 37, 1, 11


 0, 0, 0

 243, 198, 207

 243, 198, 207

 243, 174, 188

 243, 222, 226


 243, 149, 168

 243, 245, 247

 243, 125, 149

 243, 249, 255

 243, 101, 129

 243, 77, 110

 243, 52, 90

 243, 28, 71

 243, 4, 51

 243, 0, 49

Harmonies

Analogous

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



233, 200, 223



243, 198, 207



243, 202, 191

Triad

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



243, 198, 207



182, 214, 195



176, 200, 239

Complementary

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



243, 198, 207



198, 223, 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.



167, 195, 227



243, 198, 207



183, 209, 218

Square

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



243, 198, 207



192, 220, 177



170, 196, 219



195, 206, 242

Rectangle

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



243, 198, 207



238, 212, 183



170, 196, 219



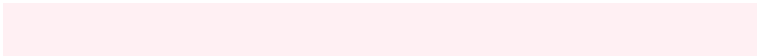
172, 198, 236

Sweetspot

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



243, 198, 207



255, 240, 243



234, 198, 243



128, 119, 120



0, 0, 0



128, 128, 128

Same Dimension

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



243, 198, 207



255, 199, 210



243, 216, 198



122, 110, 113



186, 0, 37



59, 0, 12

Inverse Universe

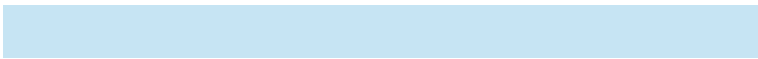
The Inverse Universe completely reimagines the original color for something new.



243, 198, 207



255, 199, 210



198, 216, 243



122, 110, 113



186, 0, 37



59, 0, 12

Previews

White Background



This preview shows how the RYB color 243, 198, 207 looks on a white background.

Color Contrast Check

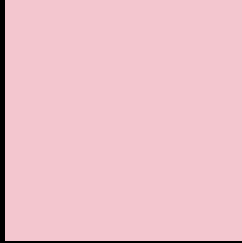
Large Text (above 18pt) WCAG AA × Fail

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, 198, 207 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 243, 198, 207 Background



This preview shows how black text looks on a background with the RYB color 243, 198, 207.



This preview shows how white text looks on a background with the RYB color 243, 198, 207.

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](#), [198](#), [207](#)

Protanopia
[212](#), [208](#), [213](#)

Deuteranopia
[231](#), [203](#), [206](#)



Tritanopia
244, 197, 212

Trichromacy



Original Color
243, 198, 207

Protanomaly
223, 204, 211

Deuteranomaly
235, 201, 206

Tritanomaly
244, 197, 210

Monochromacy



Original Color
243, 198, 207

Achromatopsia
212, 212, 212

Achromatomaly
223, 207, 210

CSS Examples

Text

The CSS property to change the color of the text to RYB 243, 198, 207 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, 198, 207) looks like.

```
.text, #text, p{  
    color:rgb(243, 198, 207)  
}
```

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, 198, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 198, 207) }
```

Border

The CSS property to change the border of an element to RYB 243, 198, 207 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, 198, 207) }
```

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

```
.border{ border-color:rgb(243, 198, 207) }
```

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

Here you see how a box with a 4 pixel rgb(243, 198, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 198, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 198, 207);  
box-shadow:4px 4px 4px 4px rgb(243, 198,  
207) }
```

Background

The CSS property to change the background color of an element to RYB 243, 198, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 198, 207) }
```

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

```
.background{ background-color: rgb(243,  
198, 207) }
```

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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