

Converting Colors

`RYB(241, 193, 207)`

Have a look what the booklet for
RYB(241, 193, 207) contains.

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Color

R_YB(241, 193, 207)

Conversions

Conversions Part 1

Format	Color
Hex	F1C1CF
RGB	241, 193, 207
RGB Percent	95%, 76%, 81%
CMY	0.0549, 0.2431, 0.1882
CMYK	0.00, 0.20, 0.14, 0.05
HSL	342°, 63%, 85%
HSV	342°, 20%, 95%
XYZ	66.6081, 61.3457, 67.3618
YIQ	208.9480, 24.1140, 14.5300

Conversions

Conversions Part 2

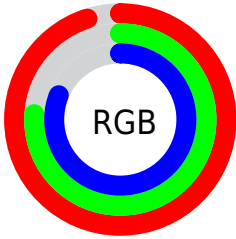
Format	Color
R _Y B	241, 193, 207
Decimal	15843791
CIE Lab	82.56, 19.27, -0.48
CIE LCh	83, 19.279, 358.576
Yxy	61.3457, 0.3410, 0.3141
Android (android.graphics.Color)	4294033871 (0xFFFF1C1CF)
YUV	208.9480, -0.9604, 28.1096
Hunter-Lab	78.3235, 14.7343, 3.8344

Details

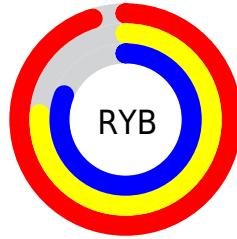
The RYB color **241, 193, 207** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **193, 221, 241**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is 255, 250, 255, and **184, 139, 153** is the 20% darker color. If you saturate the color by 10%, you get **241, 169, 190**, and if you desaturate by 10%, it is **241, 217, 224**.

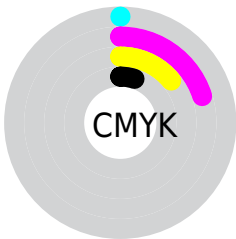
Distribution



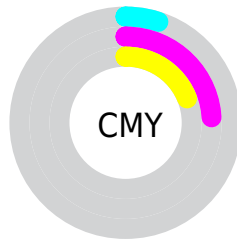
- Red (95%)
- Green (76%)
- Blue (81%)



- Red (95%)
- Yellow (76%)
- Blue (81%)



- Cyan (0%)
- Magenta (20%)
- Yellow (14%)
- Black (5%)



- Cyan (5%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 241, 193, 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 241, 193, 207 by changing the saturation by 10% instead.


 241, 193, 207

255, 255, 255


 255, 250, 255

 241, 193, 207


 212, 166, 179

 184, 139, 153

 157, 114, 127

 131, 89, 102

 105, 65, 78

 80, 42, 55

 56, 21, 34

 36, 0, 11

 0, 0, 0

■ 241, 193, 207

■ 241, 193, 207

■ 241, 169, 190

■ 241, 217, 224

■ 241, 145, 173

■ 241, 241, 241

■ 241, 121, 156

■ 241, 248, 255

■ 241, 97, 139

■ 241, 73, 122

■ 241, 48, 105

■ 241, 24, 88

■ 241, 0, 70

Harmonies

Analogous

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



228, 196, 225



241, 193, 207



243, 195, 189

Triad

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



241, 193, 207



174, 210, 183



165, 193, 236

Complementary

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



241, 193, 207



193, 221, 241

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.



157, 188, 222



241, 193, 207



180, 209, 214

Square

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



241, 193, 207



196, 221, 170



164, 193, 216



184, 200, 241

Rectangle

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



241, 193, 207



239, 203, 179



164, 193, 216



161, 191, 232

Sweetspot

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



241, 193, 207



255, 240, 244



227, 193, 241



128, 119, 121



0, 0, 0



128, 128, 128

Same Dimension

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



241, 193, 207



255, 194, 212



241, 206, 193



120, 108, 111



184, 0, 54



56, 0, 16

Inverse Universe

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



241, 193, 207



255, 194, 212



193, 214, 241



120, 108, 111



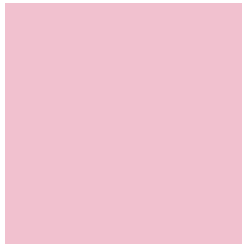
184, 0, 54



56, 0, 16

Previews

White Background



This preview shows how the RYB color 241, 193, 207 looks on a white background.

Color Contrast Check

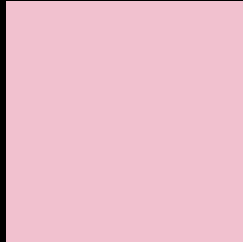
Large Text (above 18pt) WCAG AA × Fail

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 241, 193, 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 241, 193, 207 Background



This preview shows how black text looks on a background with the RYB color 241, 193, 207.



This preview shows how white text looks on a background with the RYB color 241, 193, 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
241, 193, 207

Protanopia
207, 205, 214

Deuteranopia
225, 199, 206



Tritanopia
241, 193, 208

Trichromacy



Original Color
241, 193, 207

Protanomaly
219, 201, 211

Deuteranomaly
231, 197, 206

Tritanomaly
241, 193, 208

Monochromacy



Original Color
241, 193, 207

Achromatopsia
209, 209, 209

Achromatomaly
221, 203, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 241, 193, 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(241, 193, 207) looks like.

```
.text, #text, p{  
    color:rgb(241, 193, 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(241, 193, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 193, 207) }
```

Border

The CSS property to change the border of an element to RYB 241, 193, 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(241, 193, 207) }
```

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

```
.border{ border-color:rgb(241, 193, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 193, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 193, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 193, 207);  
box-shadow:4px 4px 4px 4px rgb(241, 193,  
207) }
```

Background

The CSS property to change the background color of an element to RYB 241, 193, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 193, 207) }
```

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

```
.background{ background-color: rgb(241,  
193, 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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