

Converting Colors

`RYB(241, 181, 195)`

Have a look what the booklet for RYB(241, 181, 195) contains.

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Color

R_YB(241, 181, 195)

Conversions

Conversions Part 1

Format	Color
Hex	F1B5C3
RGB	241, 181, 195
RGB Percent	95%, 71%, 76%
CMY	0.0549, 0.2902, 0.2353
CMYK	0.00, 0.25, 0.19, 0.05
HSL	346°, 68%, 83%
HSV	346°, 25%, 95%
XYZ	62.6498, 55.6886, 59.0767
YIQ	200.5360, 31.2660, 17.0740

Conversions

Conversions Part 2

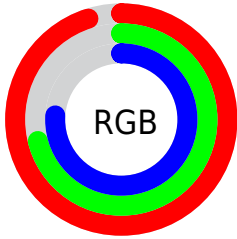
Format	Color
R_{YB}	241, 181, 195
Decimal	15840707
CIE _{Lab}	79.44, 23.78, 1.42
CIE _{LCh}	79, 23.821, 3.423
Yxy	55.6886, 0.3531, 0.3139
Android (android.graphics.Color)	4294030787 (0xFFFF1B5C3)
YUV	200.5360, -2.7292, 35.4869
Hunter-Lab	74.6248, 19.2628, 5.3005

Details

The RYB color **241, 181, 195** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **181, 215, 241**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **255, 237, 251**, and **184, 128, 141** is the 20% darker color. If you saturate the color by 10%, you get **241, 157, 177**, and if you desaturate by 10%, it is **241, 205, 213**.

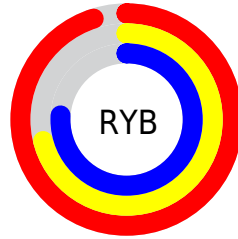
Distribution



Red (95%)

Green (71%)

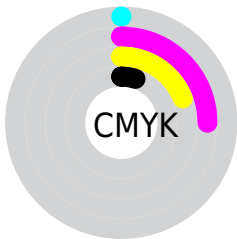
Blue (76%)



Red (95%)

Yellow (71%)

Blue (76%)

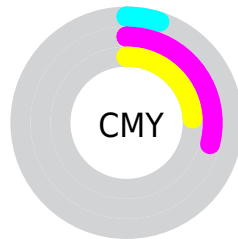


Cyan (0%)

Magenta (25%)

Yellow (19%)

Black (5%)



Cyan (5%)


Magenta (29%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the RYB color 241, 181, 195 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, 181, 195 by changing the saturation by 10% instead.

 241, 181, 195

255, 255, 255

 255, 237, 251

 241, 181, 195

 212, 154, 168

 184, 128, 141

 157, 102, 116

 130, 78, 91

 104, 54, 68

 79, 32, 46

 54, 9, 25

 35, 0, 1

 0, 0, 0

■ 241, 181, 195

■ 241, 181, 195

■ 241, 157, 177

■ 241, 205, 213

■ 241, 133, 158

■ 241, 229, 232

■ 241, 109, 140

■ 241, 248, 253

■ 241, 85, 121

■ 241, 248, 255

■ 241, 60, 103

■ 241, 36, 84

■ 241, 12, 66

■ 241, 0, 56

Harmonies

Analogous

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



228, 184, 217



241, 181, 195



242, 185, 173

Triad

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



241, 181, 195



159, 203, 175



147, 182, 236

Complementary

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



241, 181, 195



181, 215, 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.



135, 175, 220



241, 181, 195



162, 197, 208

Square

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



241, 181, 195



173, 211, 153



141, 178, 210



174, 192, 241

Rectangle

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



241, 181, 195



235, 200, 162



141, 178, 210



141, 179, 232

Sweetspot

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



241, 181, 195



255, 237, 241



227, 181, 241



128, 117, 120



0, 0, 0



128, 128, 128

Same Dimension

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



241, 181, 195



255, 179, 196



241, 203, 181



120, 108, 111



184, 0, 43



56, 0, 13

Inverse Universe

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



241, 181, 195



255, 179, 196



181, 206, 241



120, 108, 111



184, 0, 43



56, 0, 13

Previews

White Background



This preview shows how the RYB color 241, 181, 195 looks on a white background.

Color Contrast Check

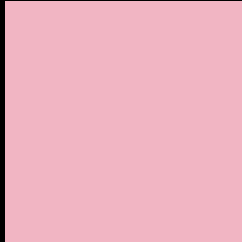
Large Text (above 18pt) WCAG AA × Fail

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, 181, 195 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, 181, 195 Background



This preview shows how black text looks on a background with the RYB color 241, 181, 195.



This preview shows how white text looks on a background with the RYB color 241, 181, 195.

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, 181, 195

Protanopia
199, 196, 204

Deuteranopia
218, 191, 193



Tritanopia
241, 181, 195

Trichromacy



Original Color

241, 181, 195



Protanomaly

214, 191, 201



Deuteranomaly

226, 187, 194



Tritanomaly

241, 181, 195

Monochromacy



Original Color

241, 181, 195



Achromatopsia

201, 201, 201



Achromatomaly

216, 194, 199

CSS Examples

Text

The CSS property to change the color of the text to RYB 241, 181, 195 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, 181, 195)` looks like.

```
.text, #text, p{  
    color:rgb(241, 181, 195)  
}
```

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, 181, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 181, 195) }
```

Border

The CSS property to change the border of an element to RYB 241, 181, 195 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, 181, 195) }
```

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

```
.border{ border-color:rgb(241, 181, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 181, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 181, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 181, 195);  
box-shadow:4px 4px 4px 4px rgb(241, 181,  
195) }
```

Background

The CSS property to change the background color of an element to RYB 241, 181, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 181, 195) }
```

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

```
.background{ background-color: rgb(241,  
181, 195) }
```

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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