

Converting Colors

`RYB(241, 189, 218)`

Have a look what the booklet for RYB(241, 189, 218) contains.

RYB(241, 189, 218)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(241, 189, 218)

Conversions

Conversions Part 1

Format	Color
Hex	F1BDDA
RGB	241, 189, 218
RGB Percent	95%, 74%, 85%
CMY	0.0549, 0.2588, 0.1451
CMYK	0.00, 0.22, 0.10, 0.05
HSL	327°, 65%, 84%
HSV	327°, 22%, 95%
XYZ	67.1281, 60.1579, 74.4033
YIQ	207.8540, 21.6830, 20.0430

Conversions

Conversions Part 2

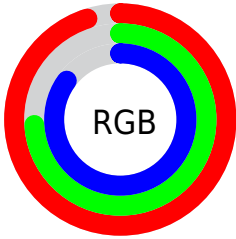
Format	Color
R _Y B	241, 189, 218
Decimal	15842778
CIE Lab	81.92, 23.19, -7.33
CIE LCh	82, 24.316, 342.466
Yxy	60.1579, 0.3328, 0.2983
Android (android.graphics.Color)	4294032858 (0xFFF1BDDA)
YUV	207.8540, 5.0020, 29.0690
Hunter-Lab	77.5615, 18.7558, -2.5827

Details

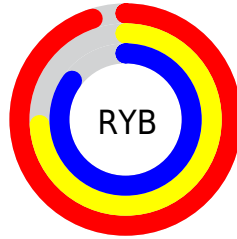
The RYB color **241, 189, 218** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **189, 225, 241**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **255, 246, 255**, and **184, 135, 163** is the 20% darker color. If you saturate the color by 10%, you get **241, 165, 207**, and if you desaturate by 10%, it is **241, 213, 229**.

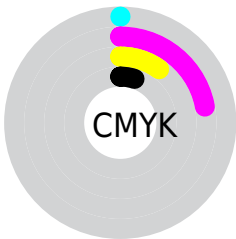
Distribution



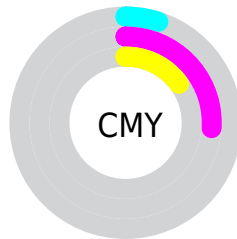
- Red (95%)
- Green (74%)
- Blue (85%)



- Red (95%)
- Yellow (74%)
- Blue (85%)



- Cyan (0%)
- Magenta (22%)
- Yellow (10%)
- Black (5%)




- Cyan (5%)
- Magenta (26%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the RYB color 241, 189, 218 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, 189, 218 by changing the saturation by 10% instead.

 241, 189, 218

255, 255, 255


 255, 246, 255

 241, 189, 218

 212, 162, 190

 184, 135, 163

 157, 110, 137

 131, 85, 111


 105, 61, 87


 80, 38, 64


 56, 16, 42


 36, 0, 22


 0, 0, 0

 241, 189, 218


 241, 189, 218

 241, 165, 207


 241, 213, 229

 241, 141, 197


 241, 237, 239


 241, 117, 186


 241, 250, 255

 241, 93, 175

 241, 248, 255

 241, 69, 165

 241, 44, 154

 241, 20, 143

 241, 0, 134

Harmonies

Analogous

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



219, 195, 237



241, 189, 218



251, 188, 195

Triad

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



241, 189, 218



166, 211, 159



142, 183, 234

Complementary

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



241, 189, 218



189, 225, 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.



143, 181, 217



241, 189, 218



170, 212, 197

Square

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



241, 189, 218



229, 233, 161



160, 197, 216



160, 192, 247

Rectangle

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



241, 189, 218



250, 190, 180



160, 197, 216



140, 181, 227

Sweetspot

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



241, 189, 218



255, 240, 248



212, 189, 241



128, 119, 124



0, 0, 0



128, 128, 128

Same Dimension

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



241, 189, 218



255, 189, 226



241, 189, 192



120, 108, 115



184, 0, 102



56, 0, 31

Inverse Universe

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



241, 189, 218



255, 189, 226



189, 216, 241



120, 108, 115



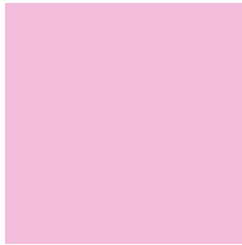
184, 0, 102



56, 0, 31

Previews

White Background



This preview shows how the RYB color 241, 189, 218 looks on a white background.

Color Contrast Check

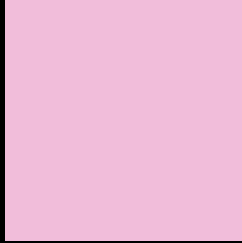
Large Text (above 18pt) WCAG AA × Fail

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, 189, 218 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, 189, 218 Background



This preview shows how black text looks on a background with the RYB color 241, 189, 218.



This preview shows how white text looks on a background with the RYB color 241, 189, 218.

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, 189, 218

Protanopia
201, 203, 226

Deuteranopia
218, 198, 216



Tritanopia
239, 191, 206

Trichromacy



Original Color
241, 189, 218

Protanomaly
216, 198, 223

Deuteranomaly
226, 195, 217

Tritanomaly
240, 190, 210

Monochromacy



Original Color
241, 189, 218

Achromatopsia
208, 208, 208

Achromatomaly
220, 201, 212

CSS Examples

Text

The CSS property to change the color of the text to RYB 241, 189, 218 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, 189, 218) looks like.

```
.text, #text, p{  
    color:rgb(241, 189, 218)  
}
```

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, 189, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 189, 218) }
```

Border

The CSS property to change the border of an element to RYB 241, 189, 218 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, 189, 218) }
```

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

```
.border{ border-color:rgb(241, 189, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 189, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 189, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 189, 218);  
box-shadow:4px 4px 4px 4px rgb(241, 189,  
218) }
```

Background

The CSS property to change the background color of an element to RYB 241, 189, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 189, 218) }
```

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

```
.background{ background-color: rgb(241,  
189, 218) }
```

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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