

Converting Colors

`RYB(241, 190, 235)`

Have a look what the booklet for RYB(241, 190, 235) contains.

RYB(241, 190, 235)	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

`RYB(241, 190, 235)`

Conversions

Conversions Part 1

Format	Color
Hex	F1BEEB
RGB	241, 190, 235
RGB Percent	95%, 75%, 92%
CMY	0.0549, 0.2549, 0.0784
CMYK	0.00, 0.21, 0.02, 0.05
HSL	307°, 65%, 85%
HSV	307°, 21%, 95%
XYZ	69.6845, 61.5258, 86.8002
YIQ	210.3790, 15.9510, 24.8070

Conversions

Conversions Part 2

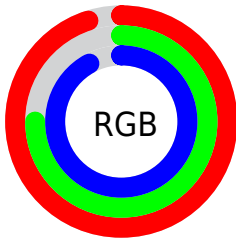
Format	Color
R _Y B	241, 190, 235
Decimal	15843051
CIE Lab	82.66, 25.59, -15.34
CIE LCh	83, 29.839, 329.060
Yxy	61.5258, 0.3196, 0.2822
Android (android.graphics.Color)	4294033131 (0xFFFF1BEEB)
YUV	210.3790, 12.1382, 26.8546
Hunter-Lab	78.4384, 21.3117, -10.7036

Details

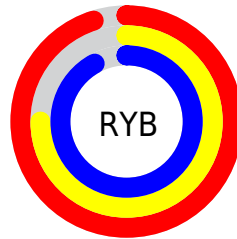
The RYB color **241, 190, 235** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **190, 236, 241**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **255, 247, 255**, and **184, 136, 179** is the 20% darker color. If you saturate the color by 10%, you get **241, 166, 232**, and if you desaturate by 10%, it is **241, 214, 238**.

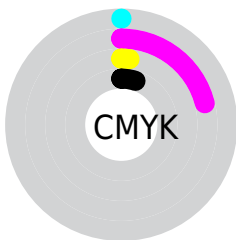
Distribution



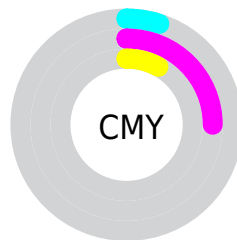
- Red (95%)
- Green (75%)
- Blue (92%)



- Red (95%)
- Yellow (75%)
- Blue (92%)



- Cyan (0%)
- Magenta (21%)
- Yellow (2%)
- Black (5%)




- Cyan (5%)
- Magenta (25%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the RYB color 241, 190, 235 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, 190, 235 by changing the saturation by 10% instead.

 241, 190, 235

255, 255, 255


 255, 247, 255

 241, 190, 235

 212, 163, 207

 184, 136, 179

 157, 111, 152

 131, 86, 126


 105, 62, 101


 80, 39, 77


 56, 17, 54


 36, 0, 33


 0, 0, 7

 241, 190, 235


 241, 190, 235

 241, 166, 232


 241, 214, 238

 241, 142, 229


 241, 238, 241

 241, 118, 226


 241, 253, 255

 241, 94, 224


 241, 251, 255

 241, 70, 221


 241, 250, 255

 241, 45, 218

 241, 249, 255

 241, 21, 215

 241, 248, 255

 241, 0, 213

Harmonies

Analogous

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



209, 199, 255



241, 190, 235



255, 185, 208

Triad

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



241, 190, 235



183, 227, 150



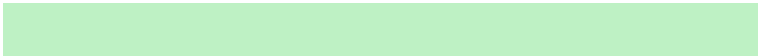
122, 174, 232

Complementary

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



241, 190, 235



190, 236, 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.



136, 183, 221



241, 190, 235



156, 212, 171

Square

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



241, 190, 235



250, 216, 159



165, 209, 218



135, 183, 253

Rectangle

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



241, 190, 235



255, 186, 189



165, 209, 218



124, 173, 223

Sweetspot

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



241, 190, 235



255, 240, 253



196, 190, 241



128, 119, 126



0, 0, 0



128, 128, 128

Same Dimension

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



241, 190, 235



255, 191, 248



241, 190, 210



120, 108, 118



184, 0, 162



56, 0, 50

Inverse Universe

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



241, 190, 235



255, 191, 248



190, 222, 241



120, 108, 118



184, 0, 162



56, 0, 50

Previews

White Background



This preview shows how the RYB color 241, 190, 235 looks on a white background.

Color Contrast Check

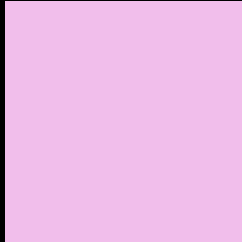
Large Text (above 18pt) WCAG AA × Fail

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, 190, 235 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, 190, 235 Background



This preview shows how black text looks on a background with the RYB color 241, 190, 235.



This preview shows how white text looks on a background with the RYB color 241, 190, 235.

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, 190, 235

Protanopia
198, 203, 244

Deuteranopia
213, 201, 233



Tritanopia
238, 194, 210

Trichromacy



Original Color

241, 190, 235



Protanomaly

214, 199, 241



Deuteranomaly

223, 197, 234



Tritanomaly

239, 193, 219

Monochromacy



Original Color

241, 190, 235



Achromatopsia

210, 210, 210



Achromatomaly

221, 203, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 241, 190, 235 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, 190, 235) looks like.

```
.text, #text, p{  
    color:rgb(241, 190, 235)  
}
```

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, 190, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 190, 235) }
```

Border

The CSS property to change the border of an element to RYB 241, 190, 235 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, 190, 235) }
```

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

```
.border{ border-color:rgb(241, 190, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 190, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 190, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 190, 235);  
box-shadow:4px 4px 4px 4px rgb(241, 190,  
235) }
```

Background

The CSS property to change the background color of an element to RYB 241, 190, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 190, 235) }
```

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

```
.background{ background-color: rgb(241,  
190, 235) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor