

Converting Colors

`RYB(241, 185, 190)`

Have a look what the booklet for
RYB(241, 185, 190) contains.

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Color

R_YB(241, 185, 190)

Conversions

Conversions Part 1

Format	Color
Hex	F1B9BE
RGB	241, 185, 190
RGB Percent	95%, 73%, 75%
CMY	0.0549, 0.2745, 0.2549
CMYK	0.00, 0.23, 0.21, 0.05
HSL	355°, 67%, 84%
HSV	355°, 23%, 95%
XYZ	62.9189, 57.1164, 56.4236
YIQ	202.3140, 31.7710, 13.4270

Conversions

Conversions Part 2

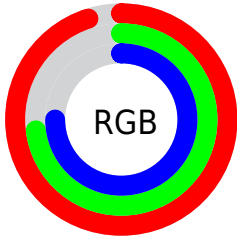
Format	Color
R_{YB}	241, 185, 190
Decimal	15841726
CIE _{Lab}	80.25, 20.91, 5.30
CIE _{LCh}	80, 21.574, 14.210
Yxy	57.1164, 0.3566, 0.3237
Android (android.graphics.Color)	4294031806 (0xFFFF1B9BE)
YUV	202.3140, -6.0708, 33.9276
Hunter-Lab	75.5754, 16.3498, 8.6377

Details

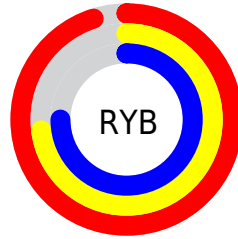
The RYB color **241, 185, 190** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **185, 214, 241**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **255, 241, 246**, and **184, 132, 137** is the 20% darker color. If you saturate the color by 10%, you get **241, 161, 168**, and if you desaturate by 10%, it is **241, 209, 212**.

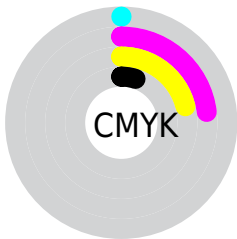
Distribution



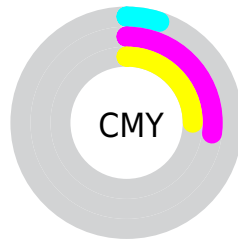
- Red (95%)
- Green (73%)
- Blue (75%)



- Red (95%)
- Yellow (73%)
- Blue (75%)



- Cyan (0%)
- Magenta (23%)
- Yellow (21%)
- Black (5%)




- Cyan (5%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the RYB color 241, 185, 190 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, 185, 190 by changing the saturation by 10% instead.

 241, 185, 190

255, 255, 255

 255, 241, 246

 241, 185, 190

 212, 158, 163

 184, 132, 137

 157, 106, 111

 130, 82, 87


 104, 58, 64


 79, 36, 42


 54, 14, 22


 35, 0, 1


 0, 0, 0

 241, 185, 190


 241, 185, 190

 241, 161, 168


 241, 209, 212

 241, 137, 146

 241, 233, 234

 241, 113, 124


 241, 248, 255

 241, 89, 102

 241, 64, 80

 241, 40, 58

 241, 16, 36

 241, 0, 22

Harmonies

Analogous

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



233, 186, 211



241, 185, 190



238, 193, 172

Triad

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



241, 185, 190



170, 206, 194



163, 189, 237

Complementary

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



241, 185, 190



185, 214, 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.



146, 181, 226



241, 185, 190



160, 192, 210

Square

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



241, 185, 190



164, 205, 160



146, 179, 211



189, 197, 238

Rectangle

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



241, 185, 190



230, 214, 163



146, 179, 211



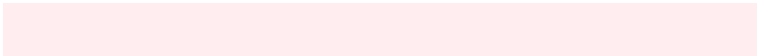
156, 187, 235

Sweetspot

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



241, 185, 190



255, 237, 239



235, 185, 241



128, 117, 118



0, 0, 0



128, 128, 128

Same Dimension

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



241, 185, 190



255, 184, 190



241, 221, 185



120, 108, 109



184, 0, 16



56, 0, 5

Inverse Universe

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



241, 185, 190



255, 184, 190



185, 206, 241



120, 108, 109



184, 0, 16



56, 0, 5

Previews

White Background



This preview shows how the RYB color 241, 185, 190 looks on a white background.

Color Contrast Check

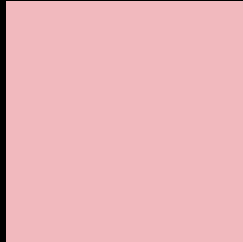
Large Text (above 18pt) WCAG AA × Fail

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, 185, 190 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, 185, 190 Background



This preview shows how black text looks on a background with the RYB color 241, 185, 190.



This preview shows how white text looks on a background with the RYB color 241, 185, 190.

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, 185, 190

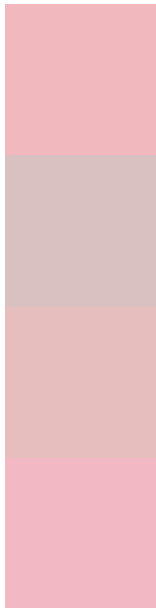
Protanopia
203, 198, 197

Deuteranopia
223, 194, 189



Tritanopia
242, 184, 198

Trichromacy



Original Color

241, 185, 190

Protanomaly

217, 193, 194

Deuteranomaly

230, 190, 189

Tritanomaly

242, 184, 195

Monochromacy



Original Color

241, 185, 190

Achromatopsia

202, 202, 202

Achromatomaly

216, 196, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 241, 185, 190 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, 185, 190) looks like.

```
.text, #text, p{  
    color:rgb(241, 185, 190)  
}
```

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, 185, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 185, 190) }
```

Border

The CSS property to change the border of an element to RYB 241, 185, 190 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, 185, 190) }
```

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

```
.border{ border-color:rgb(241, 185, 190) }
```

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

Here you see how a box with a 4 pixel rgb(241, 185, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 185, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 185, 190);  
box-shadow:4px 4px 4px 4px rgb(241, 185,  
190) }
```

Background

The CSS property to change the background color of an element to RYB 241, 185, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 185, 190) }
```

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

```
.background{ background-color: rgb(241,  
185, 190) }
```

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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