

Converting Colors

`RYB(247, 145, 185)`

Have a look what the booklet for RYB(247, 145, 185) contains.

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Color

R_YB(247, 145, 185)

Conversions

Conversions Part 1

Format	Color
Hex	F791B9
RGB	247, 145, 185
RGB Percent	97%, 57%, 73%
CMY	0.0314, 0.4314, 0.2745
CMYK	0.00, 0.41, 0.25, 0.03
HSL	336°, 86%, 77%
HSV	336°, 41%, 97%
XYZ	57.2401, 43.5277, 51.2837
YIQ	180.0580, 47.9520, 34.0640

Conversions

Conversions Part 2

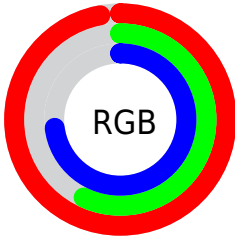
Format	Color
R_{YB}	247, 145, 185
Decimal	16224697
CIE _{Lab}	71.91, 43.31, -4.04
CIE _{LCh}	72, 43.496, 354.674
Yxy	43.5277, 0.3765, 0.2863
Android (android.graphics.Color)	4294414777 (0xFFFF791B9)
YUV	180.0580, 2.4364, 58.7081
Hunter-Lab	65.9756, 39.4087, 0.0959

Details

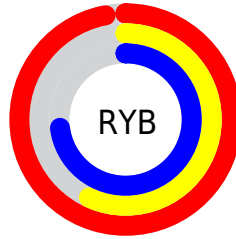
The RYB color **247, 145, 185** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **145, 208, 247**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **255, 200, 241**, and **189, 92, 132** is the 20% darker color. If you saturate the color by 10%, you get **247, 120, 170**, and if you desaturate by 10%, it is **247, 170, 200**.

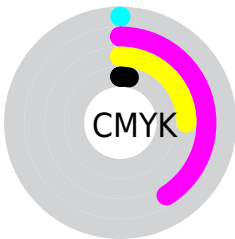
Distribution



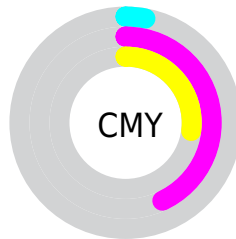
- Red (97%)
- Green (57%)
- Blue (73%)



- Red (97%)
- Yellow (57%)
- Blue (73%)



- Cyan (0%)
- Magenta (41%)
- Yellow (25%)
- Black (3%)



- Cyan (3%)
- Magenta (43%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the RYB color 247, 145, 185 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 247, 145, 185 by changing the saturation by 10% instead.

 247, 145, 185

 247, 145, 185

255, 255, 255

 217, 118, 158

 255, 200, 241

 189, 92, 132

 255, 229, 255

 160, 66, 107

 132, 40, 83

 105, 8, 60

 78, 0, 38

 54, 0, 17

 19, 0, 0

 0, 0, 0

■ 247, 145, 185

■ 247, 145, 185

■ 247, 120, 170

■ 247, 170, 200

■ 247, 96, 155

■ 247, 194, 215

■ 247, 71, 140

■ 247, 219, 230

■ 247, 46, 125

■ 247, 244, 245

■ 247, 22, 110

■ 247, 251, 255

■ 247, 0, 97

Harmonies

Analogous

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



219, 154, 223



247, 145, 185



252, 147, 145

Triad

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



247, 145, 185



102, 184, 118



0, 107, 240

Complementary

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



247, 145, 185



145, 208, 247

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.



0, 101, 208



247, 145, 185



121, 185, 192

Square

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



247, 145, 185



151, 208, 96



60, 137, 197



100, 154, 255

Rectangle

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



247, 145, 185



244, 164, 122



60, 137, 197



0, 105, 231

Sweetspot

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



247, 145, 185



255, 224, 236



206, 145, 247



128, 110, 117



0, 0, 0



128, 128, 128

Same Dimension

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



247, 145, 185



255, 128, 177



247, 156, 145



122, 110, 115



186, 0, 73



59, 0, 23

Inverse Universe

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



247, 145, 185



255, 128, 178



145, 193, 247



122, 110, 115



186, 0, 73



59, 0, 23

Previews

White Background



This preview shows how the RYB color 247, 145, 185 looks on a white background.

Color Contrast Check

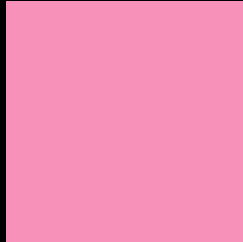
Large Text (above 18pt) WCAG AA × Fail

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 247, 145, 185 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 247, 145, 185 Background



This preview shows how black text looks on a background with the RYB color 247, 145, 185.

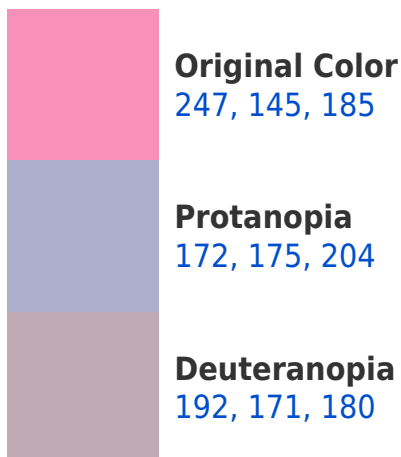


This preview shows how white text looks on a background with the RYB color 247, 145, 185.

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





Tritanopia
245, 149, 161

Trichromacy



Original Color

247, 145, 185



Protanomaly

199, 164, 197



Deuteranomaly

212, 162, 182



Tritanomaly

246, 148, 170

Monochromacy



Original Color

247, 145, 185



Achromatopsia

180, 180, 180



Achromatomaly

204, 167, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 247, 145, 185 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(247, 145, 185) looks like.

```
.text, #text, p{  
    color:rgb(247, 145, 185)  
}
```

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(247, 145, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 145, 185) }
```

Border

The CSS property to change the border of an element to RYB 247, 145, 185 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(247, 145, 185) }
```

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

```
.border{ border-color:rgb(247, 145, 185) }
```

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

Here you see how a box with a 4 pixel rgb(247, 145, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 145, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 145, 185);  
box-shadow:4px 4px 4px 4px rgb(247, 145,  
185) }
```

Background

The CSS property to change the background color of an element to RYB 247, 145, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 145, 185) }
```

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

```
.background{ background-color: rgb(247,  
145, 185) }
```

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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