

Converting Colors

`RYB(247, 179, 186)`

Have a look what the booklet for RYB(247, 179, 186) contains.

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Color

R_YB(247, 179, 186)

Conversions

Conversions Part 1

Format	Color
Hex	F7B3BA
RGB	247, 179, 186
RGB Percent	97%, 70%, 73%
CMY	0.0314, 0.2980, 0.2706
CMYK	0.00, 0.28, 0.25, 0.03
HSL	354°, 81%, 84%
HSV	354°, 28%, 97%
XYZ	63.3408, 55.5595, 53.8400
YIQ	200.1300, 38.2810, 16.5930

Conversions

Conversions Part 2

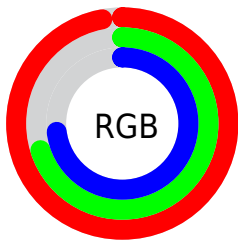
Format	Color
R _Y B	247, 179, 186
Decimal	16233402
CIE Lab	79.36, 25.69, 6.26
CIE LCh	79, 26.443, 13.704
Yxy	55.5595, 0.3667, 0.3216
Android (android.graphics.Color)	4294423482 (0xFFFF7B3BA)
YUV	200.1300, -6.9661, 41.1050
Hunter-Lab	74.5383, 21.2430, 9.3508

Details

The RYB color **247, 179, 186** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **179, 215, 247**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **255, 235, 242**, and **189, 126, 133** is the 20% darker color. If you saturate the color by 10%, you get **247, 154, 164**, and if you desaturate by 10%, it is **247, 204, 208**.

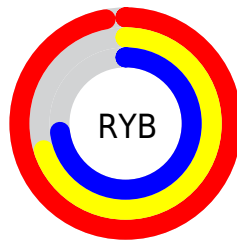
Distribution



Red (97%)

Green (70%)

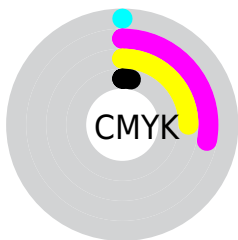
Blue (73%)



Red (97%)

Yellow (70%)

Blue (73%)

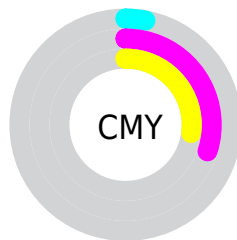


Cyan (0%)

Magenta (28%)

Yellow (25%)

Black (3%)



Cyan (3%)

Magenta (30%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the RYB color 247, 179, 186 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, 179, 186 by changing the saturation by 10% instead.

 247, 179, 186


 247, 179, 186

255, 255, 255

 218, 152, 159

 255, 235, 242

 189, 126, 133

 162, 100, 108

 134, 76, 84

 108, 52, 61

 82, 29, 39

 57, 6, 18

 37, 0, 1

 0, 0, 0

■ 247, 179, 186

■ 247, 179, 186

■ 247, 154, 164

■ 247, 204, 208

■ 247, 130, 142

■ 247, 228, 230

■ 247, 105, 120

■ 247, 250, 253

■ 247, 80, 97

■ 247, 251, 255

■ 247, 55, 75

■ 247, 31, 53

■ 247, 6, 31

■ 247, 0, 25

Harmonies

Analogous

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



237, 180, 211



247, 179, 186



243, 189, 164

Triad

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



247, 179, 186



160, 205, 190



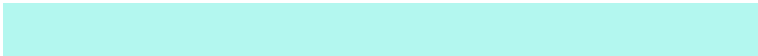
149, 183, 243

Complementary

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



247, 179, 186



179, 215, 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.



128, 173, 230



247, 179, 186



148, 188, 210

Square

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



247, 179, 186



153, 203, 149



129, 171, 211



182, 193, 244

Rectangle

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



247, 179, 186



233, 215, 153



129, 171, 211



140, 179, 240

Sweetspot

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



247, 179, 186



255, 235, 237



239, 179, 247



128, 115, 116



0, 0, 0



128, 128, 128

Same Dimension

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



247, 179, 186



255, 171, 180



247, 221, 179



122, 110, 111



186, 0, 19



59, 0, 6

Inverse Universe

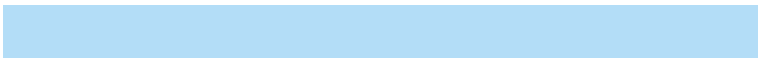
The Inverse Universe completely reimagines the original color for something new.



247, 179, 186



255, 171, 180



179, 205, 247



122, 110, 111



186, 0, 19



59, 0, 6

Previews

White Background



This preview shows how the RYB color 247, 179, 186 looks on a white background.

Color Contrast Check

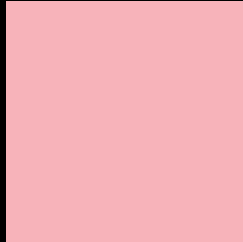
Large Text (above 18pt) WCAG AA × Fail

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, 179, 186 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, 179, 186 Background



This preview shows how black text looks on a background with the RYB color 247, 179, 186.



This preview shows how white text looks on a background with the RYB color 247, 179, 186.

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
247, 179, 186

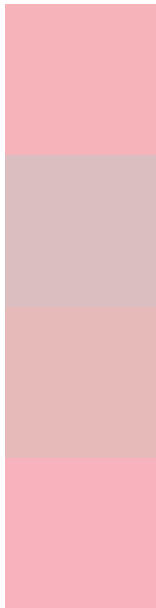
Protanopia
201, 196, 195

Deuteranopia
221, 191, 184



Tritanopia
248, 178, 192

Trichromacy



Original Color

247, 179, 186

Protanomaly

218, 190, 192

Deuteranomaly

230, 186, 185

Tritanomaly

248, 178, 190

Monochromacy



Original Color

247, 179, 186

Achromatopsia

200, 200, 200

Achromatomaly

217, 192, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 247, 179, 186 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, 179, 186) looks like.

```
.text, #text, p{  
    color:rgb(247, 179, 186)  
}
```

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, 179, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 179, 186) }
```

Border

The CSS property to change the border of an element to RYB 247, 179, 186 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, 179, 186) }
```

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

```
.border{ border-color:rgb(247, 179, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 179, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 179, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 179, 186);  
box-shadow:4px 4px 4px 4px rgb(247, 179,  
186) }
```

Background

The CSS property to change the background color of an element to RYB 247, 179, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 179, 186) }
```

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

```
.background{ background-color: rgb(247,  
179, 186) }
```

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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