

Converting Colors

`RYB(246, 179, 183)`

Have a look what the booklet for RYB(246, 179, 183) contains.

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Color

R_YB(246, 179, 183)

Conversions

Conversions Part 1

Format	Color
Hex	F6B3B7
RGB	246, 179, 183
RGB Percent	96%, 70%, 72%
CMY	0.0353, 0.2980, 0.2824
CMYK	0.00, 0.27, 0.26, 0.04
HSL	356°, 79%, 83%
HSV	356°, 27%, 96%
XYZ	62.6734, 55.2519, 52.1612
YIQ	199.4890, 38.6480, 15.4480

Conversions

Conversions Part 2

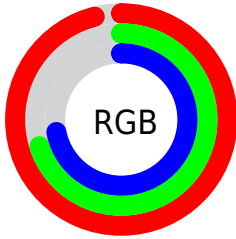
Format	Color
R _Y B	246, 179, 183
Decimal	16167863
CIE Lab	79.19, 24.91, 7.62
CIE LCh	79, 26.051, 17.012
Yxy	55.2519, 0.3685, 0.3248
Android (android.graphics.Color)	4294357943 (0xFFFF6B3B7)
YUV	199.4890, -8.1291, 40.7901
Hunter-Lab	74.3316, 20.4235, 10.4262

Details

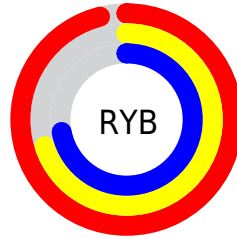
The RYB color **246, 179, 183** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **179, 214, 246**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **255, 235, 239**, and **188, 126, 130** is the 20% darker color. If you saturate the color by 10%, you get **246, 154, 160**, and if you desaturate by 10%, it is **246, 204, 206**.

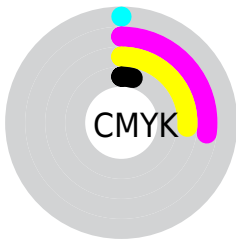
Distribution



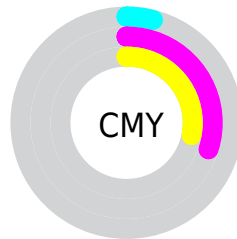
- Red (96%)
- Green (70%)
- Blue (72%)



- Red (96%)
- Yellow (70%)
- Blue (72%)



- Cyan (0%)
- Magenta (27%)
- Yellow (26%)
- Black (4%)



- Cyan (4%)
- Magenta (30%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 246, 179, 183 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 246, 179, 183 by changing the saturation by 10% instead.

 246, 179, 183


255, 255, 255

 255, 235, 239

 246, 179, 183


 217, 152, 156

 188, 126, 130

 161, 100, 105

 133, 76, 81

 107, 52, 58

 81, 30, 37

 56, 6, 16

 35, 0, 1

 0, 0, 0

■ 246, 179, 183

■ 246, 179, 183

■ 246, 154, 160

■ 246, 204, 206

■ 246, 130, 137

■ 246, 228, 229

■ 246, 105, 114

■ 246, 250, 253

■ 246, 81, 90

■ 246, 251, 255

■ 246, 56, 67

■ 246, 31, 44

■ 246, 7, 21

■ 246, 0, 15

Harmonies

Analogous

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



238, 180, 208



246, 179, 183



241, 191, 162

Triad

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



246, 179, 183



162, 205, 195



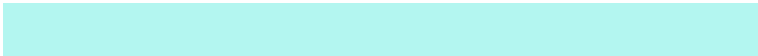
153, 185, 243

Complementary

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



246, 179, 183



179, 214, 246

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.



130, 174, 231



246, 179, 183



146, 185, 209

Square

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



246, 179, 183



151, 200, 150



128, 169, 210



186, 193, 242

Rectangle

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



246, 179, 183



231, 218, 152



128, 169, 210



144, 181, 240

Sweetspot

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



246, 179, 183



255, 235, 236



242, 179, 246



128, 115, 116



0, 0, 0



128, 128, 128

Same Dimension

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



246, 179, 183



255, 171, 176



246, 230, 179



122, 110, 111



186, 0, 11



59, 0, 4

Inverse Universe

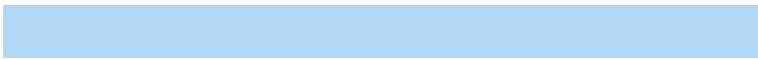
The Inverse Universe completely reimagines the original color for something new.



246, 179, 183



255, 171, 176



179, 203, 246



122, 110, 111



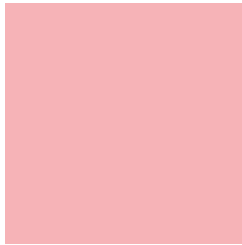
186, 0, 11



59, 0, 4

Previews

White Background



This preview shows how the RYB color 246, 179, 183 looks on a white background.

Color Contrast Check

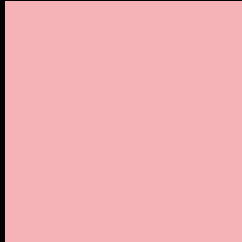
Large Text (above 18pt) WCAG AA × Fail

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 246, 179, 183 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 246, 179, 183 Background



This preview shows how black text looks on a background with the RYB color 246, 179, 183.



This preview shows how white text looks on a background with the RYB color 246, 179, 183.

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
246, 179, 183

Protanopia
201, 199, 192

Deuteranopia
221, 193, 181



Tritanopia
247, 178, 191

Trichromacy



Original Color

246, 179, 183



Protanomaly

217, 190, 189



Deuteranomaly

230, 186, 182



Tritanomaly

247, 178, 188

Monochromacy



Original Color

246, 179, 183



Achromatopsia

199, 199, 199



Achromatomaly

216, 192, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 246, 179, 183 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(246, 179, 183) looks like.

```
.text, #text, p{  
    color:rgb(246, 179, 183)  
}
```

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(246, 179, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 179, 183) }
```

Border

The CSS property to change the border of an element to RYB 246, 179, 183 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(246, 179, 183) }
```

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

```
.border{ border-color:rgb(246, 179, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 179, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 179, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 179, 183);  
box-shadow:4px 4px 4px 4px rgb(246, 179,  
183) }
```

Background

The CSS property to change the background color of an element to RYB 246, 179, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 179, 183) }
```

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

```
.background{ background-color: rgb(246,  
179, 183) }
```

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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