

Converting Colors

`RYB(251, 182, 186)`

Have a look what the booklet for RYB(251, 182, 186) contains.

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Color

R_YB(251, 182, 186)

Conversions

Conversions Part 1

Format	Color
Hex	FBB6BA
RGB	251, 182, 186
RGB Percent	98%, 71%, 73%
CMY	0.0157, 0.2863, 0.2706
CMYK	0.00, 0.27, 0.26, 0.02
HSL	357°, 90%, 85%
HSV	357°, 27%, 98%
XYZ	65.3745, 57.5103, 54.1094
YIQ	203.0870, 39.8400, 15.8720

Conversions

Conversions Part 2

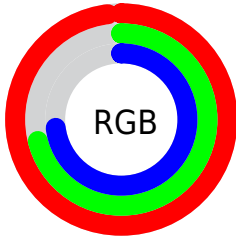
Format	Color
R _Y B	251, 182, 186
Decimal	16496314
CIE Lab	80.47, 25.56, 7.90
CIE LCh	80, 26.754, 17.183
Yxy	57.5103, 0.3694, 0.3249
Android (android.graphics.Color)	4294686394 (0xFFFBB6BA)
YUV	203.0870, -8.4239, 42.0197
Hunter-Lab	75.8355, 21.1649, 10.7809

Details

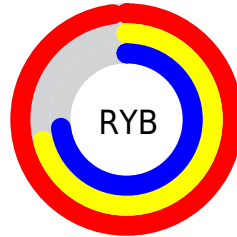
The RYB color **251, 182, 186** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **182, 218, 251**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **255, 238, 242**, and **193, 129, 133** is the 20% darker color. If you saturate the color by 10%, you get **251, 157, 162**, and if you desaturate by 10%, it is **251, 207, 210**.

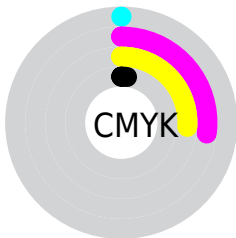
Distribution



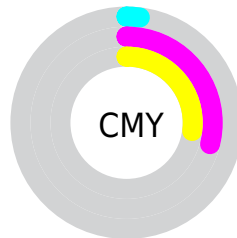
- Red (98%)
- Green (71%)
- Blue (73%)



- Red (98%)
- Yellow (71%)
- Blue (73%)



- Cyan (0%)
- Magenta (27%)
- Yellow (26%)
- Black (2%)




- Cyan (2%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the RYB color 251, 182, 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 251, 182, 186 by changing the saturation by 10% instead.

 251, 182, 186

255, 255, 255

 255, 238, 242


 251, 182, 186

 222, 155, 159

 193, 129, 133

 165, 103, 108

 138, 78, 84

 111, 55, 61

 85, 32, 39

 60, 8, 18

 40, 0, 1

 0, 0, 0

■ 251, 182, 186

■ 251, 182, 186

■ 251, 157, 162

■ 251, 207, 210

■ 251, 132, 139

■ 251, 232, 233

■ 251, 107, 115

■ 251, 253, 255

■ 251, 82, 91

■ 251, 57, 68

■ 251, 31, 44

■ 251, 6, 20

■ 251, 0, 15

Harmonies

Analogous

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



243, 183, 211



251, 182, 186



245, 196, 164

Triad

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



251, 182, 186



165, 209, 199



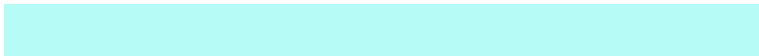
155, 188, 248

Complementary

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



251, 182, 186



182, 218, 251

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.



131, 176, 235



251, 182, 186



148, 188, 213

Square

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



251, 182, 186



152, 203, 152



130, 172, 214



189, 196, 247

Rectangle

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



251, 182, 186



235, 226, 154



130, 172, 214



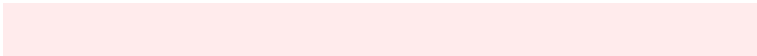
146, 184, 245

Sweetspot

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



251, 182, 186



255, 235, 236



246, 182, 251



128, 115, 115



0, 0, 0



128, 128, 128

Same Dimension

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



251, 182, 186



255, 171, 176



251, 235, 182



125, 112, 113



189, 0, 11



61, 0, 4

Inverse Universe

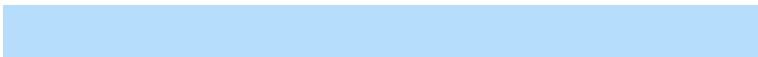
The Inverse Universe completely reimagines the original color for something new.



251, 182, 186



255, 171, 176



182, 207, 251



125, 112, 113



189, 0, 11



61, 0, 4

Previews

White Background



This preview shows how the RYB color 251, 182, 186 looks on a white background.

Color Contrast Check

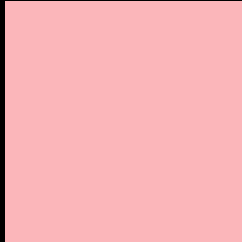
Large Text (above 18pt) WCAG AA × Fail

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 251, 182, 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 251, 182, 186 Background



This preview shows how black text looks on a background with the RYB color 251, 182, 186.



This preview shows how white text looks on a background with the RYB color 251, 182, 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
251, 182, 186

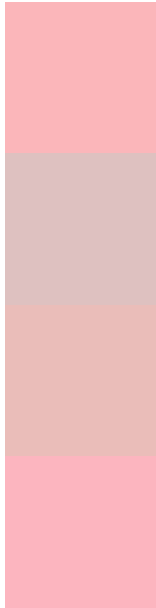
Protanopia
205, 202, 195

Deuteranopia
225, 196, 184



Tritanopia
252, 181, 194

Trichromacy



Original Color
251, 182, 186

Protanomaly
222, 193, 192

Deuteranomaly
234, 189, 185

Tritanomaly
252, 181, 191

Monochromacy



Original Color
251, 182, 186

Achromatopsia
203, 203, 203

Achromatomaly
220, 195, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 251, 182, 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(251, 182, 186) looks like.

```
.text, #text, p{  
    color:rgb(251, 182, 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(251, 182, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 182, 186) }
```

Border

The CSS property to change the border of an element to RYB 251, 182, 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(251, 182, 186) }
```

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

```
.border{ border-color:rgb(251, 182, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 182, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 182, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 182, 186);  
box-shadow:4px 4px 4px 4px rgb(251, 182,  
186) }
```

Background

The CSS property to change the background color of an element to RYB 251, 182, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 182, 186) }
```

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

```
.background{ background-color: rgb(251,  
182, 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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