

Converting Colors

`RYB(249, 201, 185)`

Have a look what the booklet for
RYB(249, 201, 185) contains.

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Color

R_YB(249, 201, 185)

Conversions

Conversions Part 1

Format	Color
Hex	F9C6B9
RGB	249, 198, 185
RGB Percent	98%, 78%, 73%
CMY	0.0235, 0.2243, 0.2745
CMYK	0.00, 0.21, 0.26, 0.02
HSL	12°, 84%, 85%
HSV	12°, 26%, 98%
XYZ	67.9723, 63.9393, 54.6579
YIQ	211.7670, 34.5690, 6.7690

Conversions

Conversions Part 2

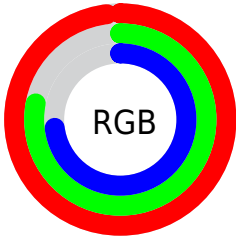
Format	Color
R _Y B	249, 201, 185
Decimal	16369337
CIE Lab	83.93, 16.38, 13.35
CIE LCh	84, 21.131, 39.181
Yxy	63.9393, 0.3643, 0.3427
Android (android.graphics.Color)	4294559417 (0xFFF9C6B9)
YUV	211.7670, -13.1961, 32.6533
Hunter-Lab	79.9621, 11.8015, 15.4459

Details

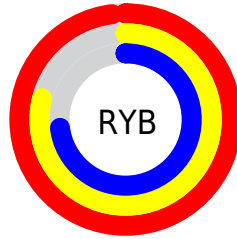
The RYB color **249, 201, 185** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **185, 213, 249**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **241, 255, 241**, and **192, 147, 132** is the 20% darker color. If you saturate the color by 10%, you get **249, 183, 160**, and if you desaturate by 10%, it is **249, 220, 210**.

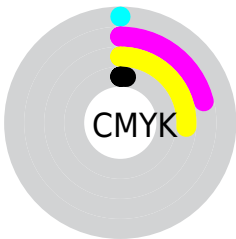
Distribution



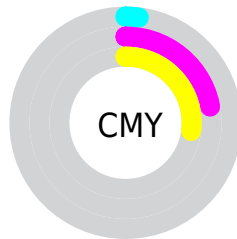
- Red (98%)
- Green (78%)
- Blue (73%)



- Red (98%)
- Yellow (79%)
- Blue (73%)



- Cyan (0%)
- Magenta (21%)
- Yellow (26%)
- Black (2%)



- Cyan (2%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 249, 201, 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 249, 201, 185 by changing the saturation by 10% instead.


 249, 201, 185


255, 255, 255

 241, 255, 241

 249, 201, 185

 220, 173, 158

 192, 147, 132

 164, 121, 107

 137, 95, 83

 110, 71, 59

 85, 49, 38

 60, 27, 17

 38, 1, 0

 0, 0, 0

 249, 201, 185

 249, 201, 185

 249, 183, 160

 249, 220, 210


 249, 164, 135

 249, 239, 235

 249, 145, 110

 249, 252, 255

 249, 126, 85

 249, 107, 61

 249, 88, 36

 249, 70, 11

 249, 63, 0

Harmonies

Analogous

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



250, 195, 204



249, 201, 185



237, 229, 173

Triad

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



249, 201, 185



174, 206, 220



195, 206, 248

Complementary

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



249, 201, 185



185, 213, 249

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.



170, 198, 246



249, 201, 185



159, 192, 221

Square

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



249, 201, 185



178, 216, 198



157, 191, 234



221, 202, 240

Rectangle

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



249, 201, 185



195, 225, 170



157, 191, 234



186, 204, 249

Sweetspot

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



249, 201, 185



255, 240, 235



249, 185, 236



128, 117, 115



0, 0, 0



128, 128, 128

Same Dimension

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



249, 201, 185



255, 196, 176



212, 249, 185



125, 116, 112



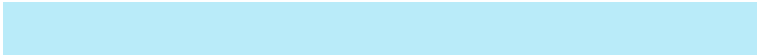
189, 48, 0



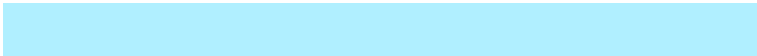
61, 15, 0

Inverse Universe

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



185, 213, 249



176, 211, 255



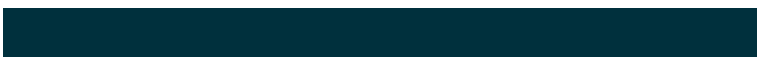
185, 200, 249



112, 118, 125



0, 84, 189



0, 27, 61

Previews

White Background



This preview shows how the RYB color 249, 201, 185 looks on a white background.

Color Contrast Check

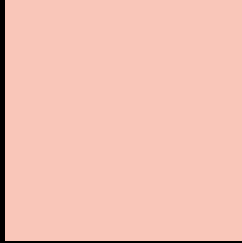
Large Text (above 18pt) WCAG AA × Fail

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 249, 201, 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 249, 201, 185 Background



This preview shows how black text looks on a background with the RYB color 249, 201, 185.



This preview shows how white text looks on a background with the RYB color 249, 201, 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



Original Color
249, 201, 185

Protanopia
205, 218, 191

Deuteranopia
239, 211, 184



Tritanopia
252, 194, 209

Trichromacy



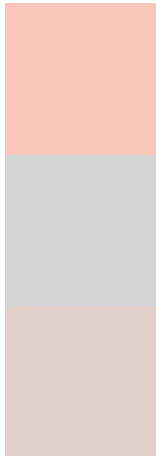
Original Color
249, 201, 185

Protanomaly
229, 216, 189

Deuteranomaly
243, 206, 184

Tritanomaly
251, 195, 200

Monochromacy



Original Color
249, 201, 185

Achromatopsia
212, 212, 212

Achromatomaly
225, 208, 202

CSS Examples

Text

The CSS property to change the color of the text to RYB 249, 201, 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(249, 198, 185)` looks like.

```
.text, #text, p{  
    color:rgb(249, 198, 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(249, 198, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 198, 185) }
```

Border

The CSS property to change the border of an element to RYB 249, 201, 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(249, 198, 185) }
```

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

```
.border{ border-color:rgb(249, 198, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 198, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 198, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 198, 185);  
box-shadow:4px 4px 4px 4px rgb(249, 198,  
185) }
```

Background

The CSS property to change the background color of an element to RGB 249, 201, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 198, 185) }
```

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

```
.background{ background-color: rgb(249,  
198, 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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