

Converting Colors

`RYB(249, 189, 169)`

Have a look what the booklet for
RYB(249, 189, 169) contains.

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Color

R_YB(249, 189, 169)

Conversions

Conversions Part 1

Format	Color
Hex	F9B9A9
RGB	249, 185, 169
RGB Percent	98%, 73%, 66%
CMY	0.0235, 0.2745, 0.3373
CMYK	0.00, 0.26, 0.32, 0.02
HSL	12°, 87%, 82%
HSV	12°, 32%, 98%
XYZ	63.5773, 57.7022, 45.3229
YIQ	202.3120, 43.2800, 8.5920

Conversions

Conversions Part 2

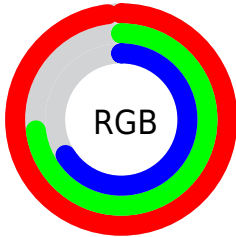
Format	Color
R _Y B	249, 189, 169
Decimal	16365993
CIE Lab	80.57, 21.02, 17.17
CIE LCh	81, 27.141, 39.256
Yxy	57.7022, 0.3816, 0.3463
Android (android.graphics.Color)	4294556073 (0xFFF9B9A9)
YUV	202.3120, -16.4228, 40.9454
Hunter-Lab	75.9620, 16.4643, 17.7979

Details

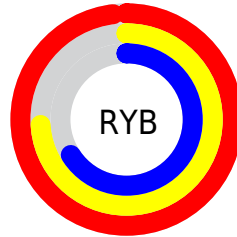
The RYB color **249, 189, 169** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **169, 205, 249**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **250, 255, 224**, and **191, 136, 117** is the 20% darker color. If you saturate the color by 10%, you get **249, 170, 144**, and if you desaturate by 10%, it is **249, 208, 194**.

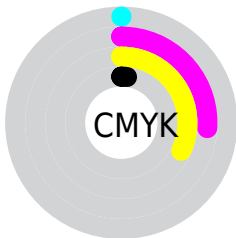
Distribution



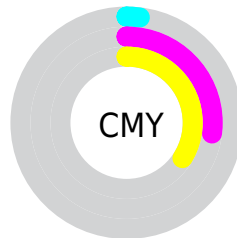
- Red (98%)
- Green (73%)
- Blue (66%)



- Red (98%)
- Yellow (74%)
- Blue (66%)



- Cyan (0%)
- Magenta (26%)
- Yellow (32%)
- Black (2%)



- Cyan (2%)
- Magenta (27%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 249, 189, 169 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, 189, 169 by changing the saturation by 10% instead.


 249, 189, 169


255, 255, 255

 250, 255, 224

253, 255, 253

 249, 189, 169

 220, 162, 143

 191, 136, 117

 163, 109, 92

 136, 85, 69

 109, 61, 46

 83, 39, 25

 58, 18, 0

 36, 0, 1

 0, 0, 0

 249, 189, 169


 249, 189, 169

 249, 170, 144

 249, 208, 194

 249, 152, 119

 249, 227, 219

 249, 133, 94

 249, 245, 244

 249, 114, 69

 249, 252, 255

 249, 95, 45

 249, 76, 20

 249, 63, 0

Harmonies

Analogous

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



251, 182, 193



249, 189, 169



234, 228, 153

Triad

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



249, 189, 169



154, 194, 213



180, 196, 250

Complementary

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



249, 189, 169



169, 205, 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.



147, 185, 247



249, 189, 169



132, 175, 214

Square

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



249, 189, 169



160, 208, 186



127, 174, 231



214, 191, 239

Rectangle

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



249, 189, 169



179, 219, 149



127, 174, 231



168, 192, 250

Sweetspot

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



249, 189, 169



255, 236, 230



249, 169, 233



128, 116, 112



0, 0, 0



128, 128, 128

Same Dimension

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



249, 189, 169



255, 180, 156



203, 249, 169



125, 116, 112



189, 48, 0



61, 15, 0

Inverse Universe

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



169, 205, 249



156, 200, 255



169, 187, 249



112, 118, 125



0, 84, 189



0, 27, 61

Previews

White Background



This preview shows how the RYB color 249, 189, 169 looks on a white background.

Color Contrast Check

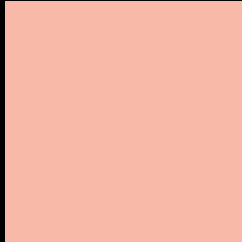
Large Text (above 18pt) WCAG AA × Fail

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, 189, 169 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, 189, 169 Background



This preview shows how black text looks on a background with the RYB color 249, 189, 169.







This preview shows how white text looks on a background with the RYB color 249, 189, 169.

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, 189, 169
	Protanopia 188, 209, 176
	Deuteranopia 231, 209, 168



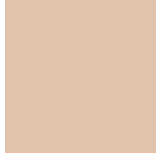
Tritanopia
252, 181, 195

Trichromacy



Original Color

249, 189, 169



Protanomaly

224, 212, 173



Deuteranomaly

238, 200, 168



Tritanomaly

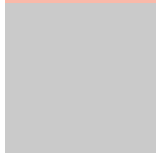
251, 182, 186

Monochromacy



Original Color

249, 189, 169



Achromatopsia

202, 202, 202



Achromatomaly

219, 198, 190

CSS Examples

Text

The CSS property to change the color of the text to RYB 249, 189, 169 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, 185, 169) looks like.

```
.text, #text, p{  
    color:rgb(249, 185, 169)  
}
```

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, 185, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 185, 169) }
```

Border

The CSS property to change the border of an element to RYB 249, 189, 169 is called "border". The border property can be set on classes, ids or directly on the HTML element.

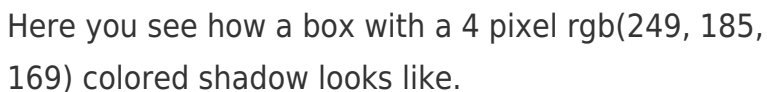
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(249, 185, 169) }
```

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

```
.border{ border-color:rgb(249, 185, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(249, 185, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 185, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 185, 169); box-shadow:4px 4px 4px 4px rgb(249, 185, 169) }
```

Background

The CSS property to change the background color of an element to RYB 249, 189, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 185, 169) }
```

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

```
.background{ background-color: rgb(249,  
185, 169) }
```

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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