

Converting Colors

`RYB(249, 214, 167)`

Have a look what the booklet for
RYB(249, 214, 167) contains.

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Color

R_YB(249, 214, 167)

Conversions

Conversions Part 1

Format	Color
Hex	F9C5A7
RGB	249, 197, 167
RGB Percent	98%, 77%, 65%
CMY	0.0235, 0.2279, 0.3451
CMYK	0.00, 0.21, 0.33, 0.02
HSL	22°, 87%, 82%
HSV	22°, 33%, 98%
XYZ	65.9801, 62.8060, 45.2045
YIQ	209.1280, 40.6220, 1.6940

Conversions

Conversions Part 2

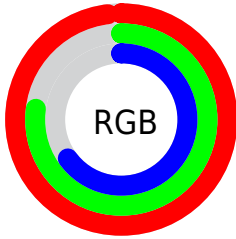
Format	Color
R _Y B	249, 214, 167
Decimal	16369063
CIE Lab	83.34, 14.53, 22.08
CIE LCh	83, 26.427, 56.650
Yxy	62.8060, 0.3792, 0.3610
Android (android.graphics.Color)	4294559143 (0xFFFF9C5A7)
YUV	209.1280, -20.7691, 34.9677
Hunter-Lab	79.2502, 9.9230, 21.6560

Details

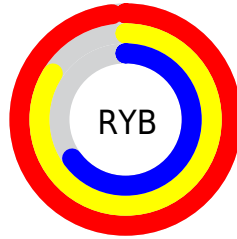
The RYB color **249, 214, 167** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **167, 199, 249**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **223, 255, 222**, and **191, 159, 115** is the 20% darker color. If you saturate the color by 10%, you get **249, 203, 142**, and if you desaturate by 10%, it is **249, 225, 192**.

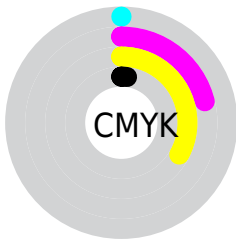
Distribution



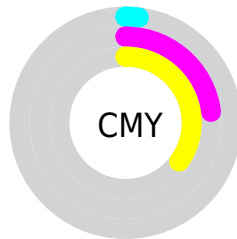
- Red (98%)
- Green (77%)
- Blue (65%)



- Red (98%)
- Yellow (84%)
- Blue (65%)



- Cyan (0%)
- Magenta (21%)
- Yellow (33%)
- Black (2%)



- Cyan (2%)
- Magenta (23%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 249, 214, 167 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, 214, 167 by changing the saturation by 10% instead.


 249, 214, 167


255, 255, 255


 223, 255, 222

 251, 255, 251

 249, 214, 167

 220, 187, 141

 191, 159, 115

 163, 133, 90

 136, 109, 67

 109, 85, 44

 83, 60, 23

 59, 43, 0

 35, 0, 0

 0, 0, 0

■ 249, 214, 167

■ 249, 214, 167

■ 249, 203, 142

■ 249, 225, 192

■ 249, 192, 117

■ 249, 236, 217

■ 249, 181, 92

■ 249, 245, 242

■ 249, 173, 67

■ 249, 252, 255

■ 249, 161, 43

■ 249, 150, 18

■ 249, 143, 0

Harmonies

Analogous

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



255, 191, 186



249, 214, 167



194, 229, 158

Triad

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



249, 214, 167



149, 191, 222



208, 202, 252

Complementary

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



249, 214, 167



167, 199, 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.



174, 199, 255



249, 214, 167



137, 181, 229

Square

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



249, 214, 167



174, 214, 219



146, 188, 248



237, 194, 235

Rectangle

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



249, 214, 167



162, 212, 160



146, 188, 248



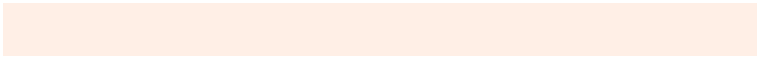
197, 204, 255

Sweetspot

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



249, 214, 167



255, 244, 230



249, 167, 220



128, 122, 112



0, 0, 0



128, 128, 128

Same Dimension

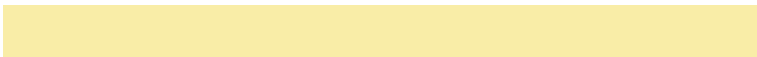
The Same Dimension uses a secret algorithm to generate beautiful new colors.



249, 214, 167



255, 211, 153



181, 249, 167



125, 120, 112



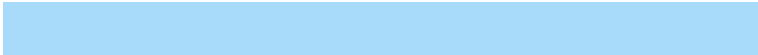
189, 109, 0



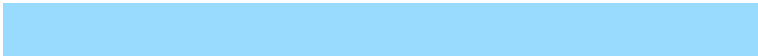
61, 34, 0

Inverse Universe

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



167, 199, 249



153, 193, 255



167, 177, 249



112, 117, 125



0, 73, 189



0, 24, 61

Previews

White Background



This preview shows how the RYB color 249, 214, 167 looks on a white background.

Color Contrast Check

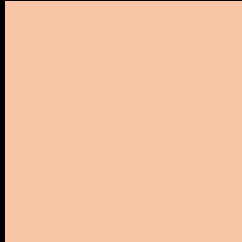
Large Text (above 18pt) WCAG AA × Fail

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, 214, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

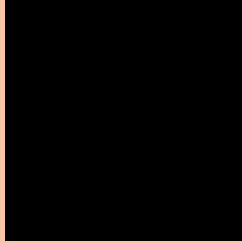
Any Text WCAG AA ✓ Pass

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](#).

R Y B 249, 214, 167 Background



This preview shows how black text looks on a background with the R Y B color 249, 214, 167.




This preview shows how white text looks on a background with the R Y B color 249, 214, 167.

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](#).

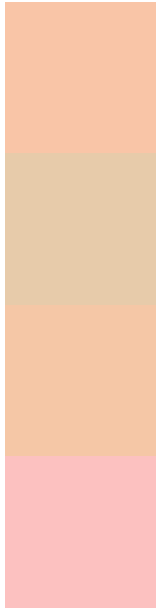
Dichromacy

	Original Color 249, 214, 167
	Protanopia 190, 220, 172
	Deuteranopia 242, 228, 166



Tritanopia
253, 191, 206

Trichromacy



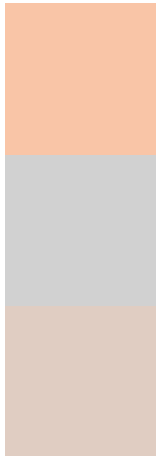
Original Color
249, 214, 167

Protanomaly
222, 231, 170

Deuteranomaly
245, 223, 166

Tritanomaly
252, 193, 192

Monochromacy



Original Color
249, 214, 167

Achromatopsia
209, 209, 209

Achromatomaly
224, 211, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 249, 214, 167 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, 197, 167)` looks like.

```
.text, #text, p{  
    color:rgb(249, 197, 167)  
}
```

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, 197, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 197, 167) }
```

Border

The CSS property to change the border of an element to RYB 249, 214, 167 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, 197, 167) }
```

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

```
.border{ border-color:rgb(249, 197, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 197, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 197, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 197, 167);  
box-shadow:4px 4px 4px 4px rgb(249, 197,  
167) }
```

Background

The CSS property to change the background color of an element to RYB 249, 214, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 197, 167) }
```

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

```
.background{ background-color: rgb(249,  
197, 167) }
```

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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