

Converting Colors

`RYB(205, 249, 169)`

Have a look what the booklet for
RYB(205, 249, 169) contains.

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Color

R_YB(205, 249, 169)

Conversions

Conversions Part 1

Format	Color
Hex	F9E0A9
RGB	249, 224, 169
RGB Percent	98%, 88%, 66%
CMY	0.0235, 0.1209, 0.3373
CMYK	0.00, 0.10, 0.32, 0.02
HSL	41°, 87%, 82%
HSV	41°, 32%, 98%
XYZ	72.9304, 76.4083, 48.4406
YIQ	225.2050, 32.5550, -11.8050

Conversions

Conversions Part 2

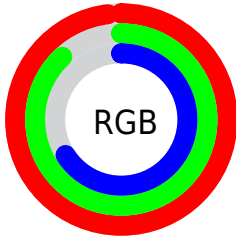
Format	Color
RYB	205, 249, 169
Decimal	16375977
CIELab	90.05, 0.64, 30.16
CIELCh	90, 30.170, 88.780
Yxy	76.4083, 0.3687, 0.3863
Android (android.graphics.Color)	4294566057 (0xFFFF9E0A9)
YUV	225.2050, -27.7091, 20.8682
Hunter-Lab	87.4119, -4.0428, 28.3319

Details

The RYB color **205, 249, 169** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **169, 188, 249**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **225, 255, 225**, and **149, 192, 116** is the 20% darker color. If you saturate the color by 10%, you get **192, 249, 144**, and if you desaturate by 10%, it is **219, 249, 194**.

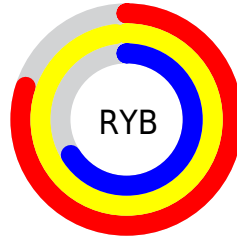
Distribution



Red (98%)

Green (88%)

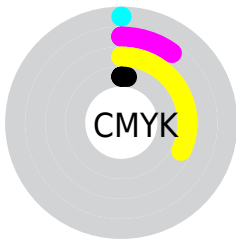
Blue (66%)



Red (80%)

Yellow (98%)

Blue (66%)

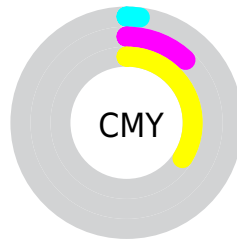


Cyan (0%)

Magenta (10%)

Yellow (32%)

Black (2%)



Cyan (2%)

Magenta (12%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 205, 249, 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 205, 249, 169 by changing the saturation by 10% instead.

 205, 249, 169

 205, 249, 169

255, 255, 255

 177, 220, 142

 225, 255, 225

 149, 192, 116

253, 255, 253

 120, 164, 91

 95, 137, 67

 67, 110, 44

 42, 85, 21

 17, 60, 0

 16, 37, 0

 2, 0, 0

■ 205, 249, 169

■ 205, 249, 169

■ 192, 249, 144

■ 219, 249, 194

■ 177, 249, 119

■ 232, 249, 219

■ 164, 249, 94

■ 247, 249, 244

■ 150, 249, 69

■ 249, 252, 255

■ 136, 249, 45

■ 123, 249, 20

■ 111, 249, 0

Harmonies

Analogous

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



255, 249, 178



205, 249, 169



175, 233, 190

Triad

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



205, 249, 169



142, 195, 253



255, 210, 255

Complementary

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



205, 249, 169



169, 188, 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.



230, 220, 255



205, 249, 169



155, 200, 255

Square

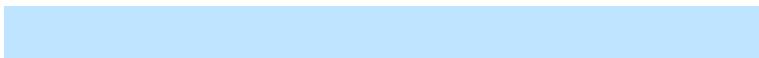
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



205, 249, 169



156, 205, 243



190, 214, 255



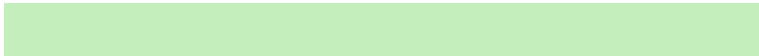
255, 206, 229

Rectangle

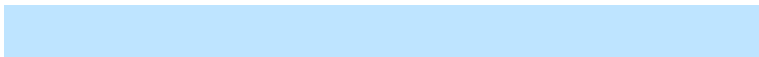
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



205, 249, 169



188, 238, 230



190, 214, 255



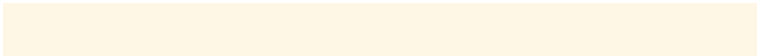
253, 213, 255

Sweetspot

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



205, 249, 169



242, 255, 230



249, 169, 194



119, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

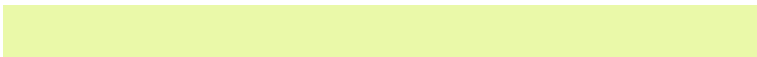
The Same Dimension uses a secret algorithm to generate beautiful new colors.



205, 249, 169



201, 255, 156



169, 249, 184



118, 125, 112



86, 189, 0



28, 61, 0

Inverse Universe

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



169, 188, 249



156, 179, 255



184, 169, 249



112, 115, 125



0, 45, 189



0, 14, 61

Previews

White Background



This preview shows how the RYB color 205, 249, 169 looks on a white background.

Color Contrast Check

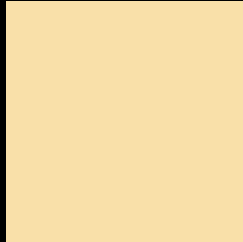
Large Text (above 18pt) WCAG AA × Fail

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 205, 249, 169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

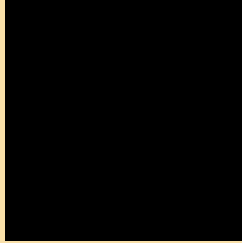
Any Text WCAG AA ✓ Pass

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](#).

RYP 205, 249, 169 Background



This preview shows how black text looks on a background with the RYP color 205, 249, 169.




This preview shows how white text looks on a background with the RYP color 205, 249, 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](#).

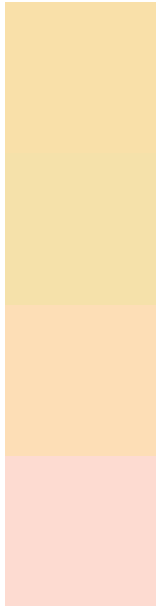
Dichromacy





Tritanopia
255, 216, 232

Trichromacy



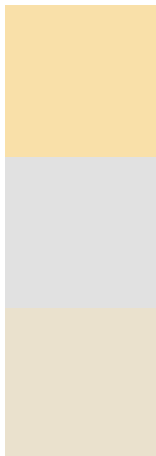
Original Color
205, 249, 169

Protanomaly
197, 245, 170

Deuteranomaly
237, 253, 182

Tritanomaly
253, 222, 209

Monochromacy



Original Color
205, 249, 169

Achromatopsia
225, 225, 225

Achromatomaly
218, 234, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 205, 249, 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, 224, 169) looks like.

```
.text, #text, p{  
    color:rgb(249, 224, 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, 224, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 224, 169) }
```

Border

The CSS property to change the border of an element to RYB 205, 249, 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, 224, 169) }
```

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

```
.border{ border-color:rgb(249, 224, 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, 224, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 224, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 224, 169);  
box-shadow:4px 4px 4px 4px rgb(249, 224,  
169) }
```

Background

The CSS property to change the background color of an element to RGB 205, 249, 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, 224, 169) }
```

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

```
.background{ background-color: rgb(249,  
224, 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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