

Converting Colors

`RYB(212, 248, 169)`

Have a look what the booklet for
RYB(212, 248, 169) contains.

RYB(212, 248, 169)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(212, 248, 169)

Conversions

Conversions Part 1

Format	Color
Hex	F8DCA9
RGB	248, 220, 169
RGB Percent	97%, 86%, 66%
CMY	0.0275, 0.1366, 0.3373
CMYK	0.00, 0.11, 0.32, 0.03
HSL	39°, 85%, 82%
HSV	39°, 32%, 97%
XYZ	71.5069, 74.0892, 48.0679
YIQ	222.5580, 33.0590, -9.9250

Conversions

Conversions Part 2

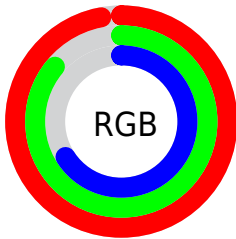
Format	Color
R _Y B	212, 248, 169
Decimal	16309417
CIE Lab	88.96, 2.32, 28.69
CIE LCh	89, 28.780, 85.383
Yxy	74.0892, 0.3692, 0.3826
Android (android.graphics.Color)	4294499497 (0xFFF8DCA9)
YUV	222.5580, -26.4041, 22.3126
Hunter-Lab	86.0751, -2.3425, 27.1425

Details

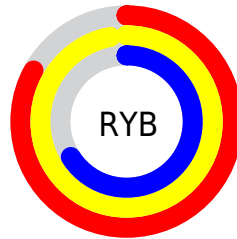
The RYB color **212, 248, 169** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **169, 190, 248**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **225, 255, 225**, and **156, 191, 116** is the 20% darker color. If you saturate the color by 10%, you get **201, 248, 144**, and if you desaturate by 10%, it is **223, 248, 194**.

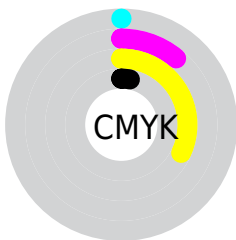
Distribution



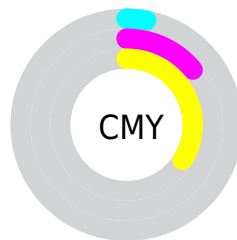
- Red (97%)
- Green (86%)
- Blue (66%)



- Red (83%)
- Yellow (97%)
- Blue (66%)



- Cyan (0%)
- Magenta (11%)
- Yellow (32%)
- Black (3%)



- Cyan (3%)
- Magenta (14%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 212, 248, 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 212, 248, 169 by changing the saturation by 10% instead.

 212, 248, 169

255, 255, 255

 225, 255, 225

253, 255, 253

 212, 248, 169

 184, 219, 142

 156, 191, 116

 128, 163, 92

 99, 136, 67

 73, 109, 44

 47, 84, 22

 22, 60, 0

 18, 36, 0

 0, 0, 0

■ 212, 248, 169

■ 212, 248, 169

■ 201, 248, 144

■ 223, 248, 194

■ 188, 248, 119

■ 234, 248, 219

■ 178, 248, 95

■ 246, 248, 243

■ 168, 248, 70

■ 248, 252, 255

■ 157, 248, 45

■ 143, 248, 20

■ 134, 248, 0

Harmonies

Analogous

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



255, 234, 179



212, 248, 169



173, 229, 183

Triad

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



212, 248, 169



145, 194, 246



255, 209, 255

Complementary

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



212, 248, 169



169, 190, 248

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.



222, 218, 255



212, 248, 169



154, 199, 255

Square

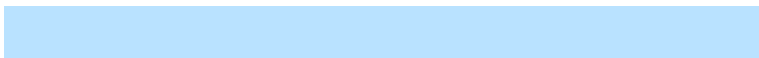
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



212, 248, 169



159, 205, 239



185, 211, 255



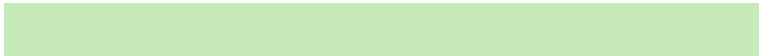
255, 204, 229

Rectangle

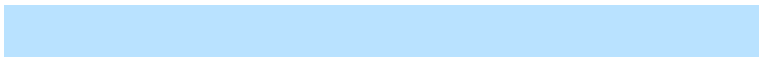
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



212, 248, 169



184, 234, 220



185, 211, 255



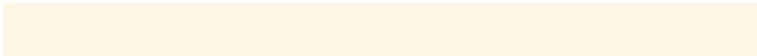
245, 212, 255

Sweetspot

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



212, 248, 169



244, 255, 230



248, 169, 198



122, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

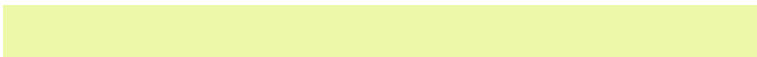
The Same Dimension uses a secret algorithm to generate beautiful new colors.



212, 248, 169



210, 255, 158



169, 248, 180



118, 125, 112



104, 189, 0



32, 61, 0

Inverse Universe

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



169, 190, 248



158, 183, 255



180, 169, 248



112, 116, 125



0, 49, 189



0, 16, 61

Previews

White Background



This preview shows how the RYB color 212, 248, 169 looks on a white background.

Color Contrast Check

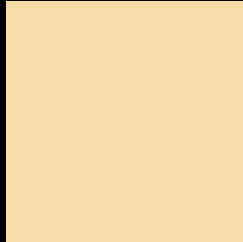
Large Text (above 18pt) WCAG AA × Fail

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 212, 248, 169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

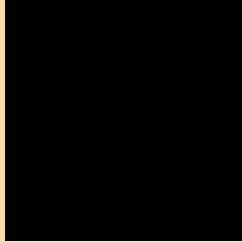
Any Text WCAG AA ✓ Pass

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](#).

R Y B 212, 248, 169 Background



This preview shows how black text looks on a background with the RYB color 212, 248, 169.



This preview shows how white text looks on a background with the RYB color 212, 248, 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
212, 248, 169

Protanopia
191, 239, 170

Deuteranopia
255, 244, 183



Tritanopia
255, 212, 229

Trichromacy



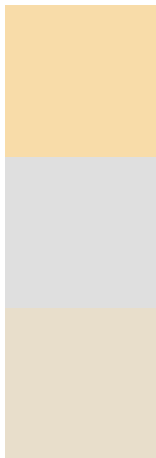
Original Color
212, 248, 169

Protanomaly
198, 242, 170

Deuteranomaly
241, 252, 178

Tritanomaly
252, 217, 207

Monochromacy



Original Color
212, 248, 169

Achromatopsia
223, 223, 223

Achromatomaly
218, 232, 203

CSS Examples

Text

The CSS property to change the color of the text to RYB 212, 248, 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(248, 220, 169)` looks like.

```
.text, #text, p{  
    color:rgb(248, 220, 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(248, 220, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 220, 169) }
```

Border

The CSS property to change the border of an element to RYB 212, 248, 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(248, 220, 169) }
```

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

```
.border{ border-color:rgb(248, 220, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 220, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 220, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 220, 169);  
box-shadow:4px 4px 4px 4px rgb(248, 220,  
169) }
```

Background

The CSS property to change the background color of an element to RGB 212, 248, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 220, 169) }
```

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

```
.background{ background-color: rgb(248,  
220, 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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