

Converting Colors

`RYB(205, 249, 205)`

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

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Color

RYB(205, 249, 205)

Conversions

Conversions Part 1

Format	Color
Hex	F9F9CD
RGB	249, 249, 205
RGB Percent	98%, 98%, 80%
CMY	0.0235, 0.0235, 0.1961
CMYK	0.00, 0.00, 0.18, 0.02
HSL	60°, 79%, 89%
HSV	60°, 18%, 98%
XYZ	83.9620, 92.2989, 71.1478
YIQ	243.9840, 14.1240, -13.6840

Conversions

Conversions Part 2

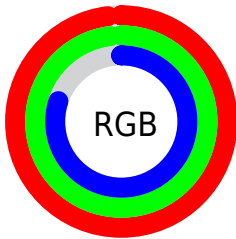
Format	Color
R _Y B	205, 249, 205
Decimal	16382413
CIE Lab	96.94, -7.07, 21.18
CIE LCh	97, 22.324, 108.455
Yxy	92.2989, 0.3394, 0.3731
Android (android.graphics.Color)	4294572493 (0xFFFF9F9CD)
YUV	243.9840, -19.2191, 4.3990
Hunter-Lab	96.0723, -12.1271, 23.3425

Details

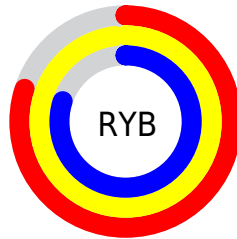
The RYB color **205, 249, 205** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **205, 205, 249**, and the grayscale version is **244, 244, 244**.

A 20% lighter version of the original color is **255, 255, 255**, and **151, 193, 152** is the 20% darker color. If you saturate the color by 10%, you get **180, 249, 180**, and if you desaturate by 10%, it is **230, 249, 230**.

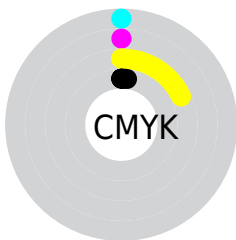
Distribution



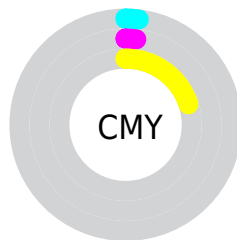
- Red (98%)
- Green (98%)
- Blue (80%)



- Red (80%)
- Yellow (98%)
- Blue (80%)



- Cyan (0%)
- Magenta (0%)
- Yellow (18%)
- Black (2%)



- Cyan (2%)
- Magenta (2%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 205, 249, 205


 205, 249, 205

255, 255, 255

 177, 220, 177

 151, 193, 152

 125, 166, 126

 100, 139, 101

 75, 114, 76

 52, 89, 53

 30, 66, 32

 8, 44, 11

 0, 24, 6

 205, 249, 205

 205, 249, 205

 180, 249, 180

 230, 249, 230

 155, 249, 155

 249, 249, 255

 130, 249, 130

 105, 249, 105

 81, 249, 81

 56, 249, 56

 31, 249, 31

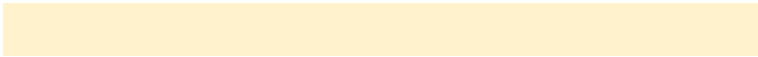
 6, 249, 6

 0, 249, 0

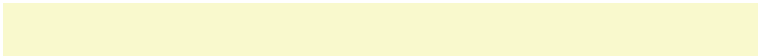
Harmonies

Analogous

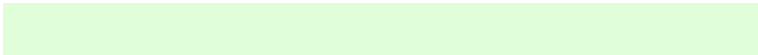
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



221, 255, 204



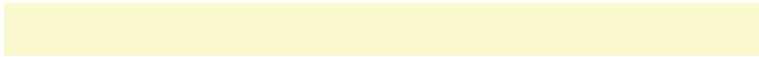
205, 249, 205



217, 255, 248

Triad

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



205, 249, 205



193, 224, 255



255, 232, 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, 205



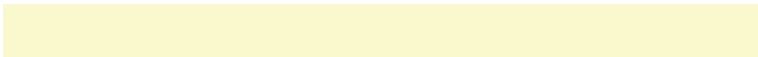
205, 205, 249

Split Complementary

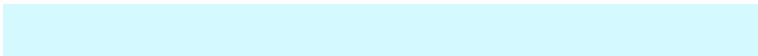
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 236, 255



205, 249, 205



212, 232, 255

Square

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



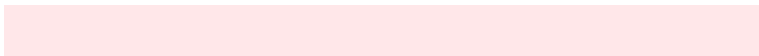
205, 249, 205



189, 222, 255



239, 243, 255



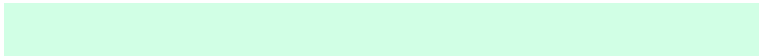
255, 231, 233

Rectangle

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



205, 249, 205



209, 241, 255



239, 243, 255



255, 233, 255

Sweetspot

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



205, 249, 205



242, 255, 242



249, 205, 205



120, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



205, 249, 205



201, 255, 201



205, 249, 227



112, 125, 112



0, 189, 0



0, 61, 0

Inverse Universe

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



205, 205, 249



201, 201, 255



227, 205, 249



112, 112, 125



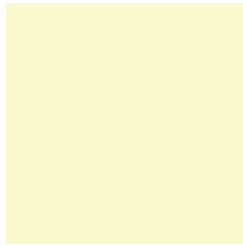
0, 0, 189



0, 0, 61

Previews

White Background



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

Color Contrast Check

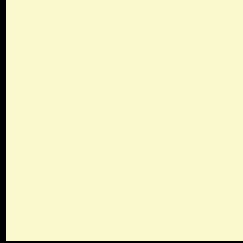
Large Text (above 18pt) WCAG AA × Fail

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, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

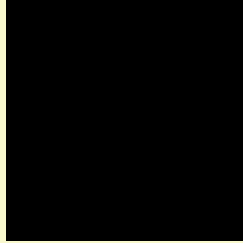
Any Text WCAG AA ✓ Pass

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 205, 249, 205 Background



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

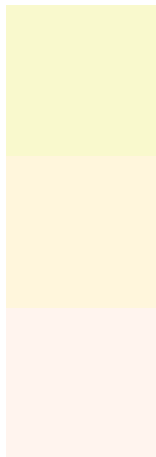


This preview shows how white text looks on a background with the RYB color 205, 249, 205.

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
205, 249, 205

Protanopia
232, 255, 220

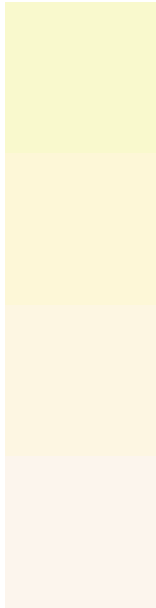
Deuteranopia
255, 247, 238



Tritanopia

253, 243, 255

Trichromacy



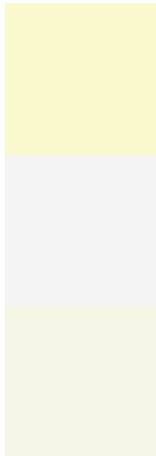
Original Color
205, 249, 205

Protanomaly
222, 253, 215

Deuteranomaly
235, 253, 226

Tritanomaly
250, 252, 237

Monochromacy



Original Color
205, 249, 205

Achromatopsia
244, 244, 244

Achromatomaly
230, 246, 230

CSS Examples

Text

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

```
.text, #text, p{  
    color:rgb(249, 249, 205)  
}
```

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, 249, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 249, 205) }
```

Border

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

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

```
.border{ border-color:rgb(249, 249, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 249, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 249, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 249, 205);  
box-shadow:4px 4px 4px 4px rgb(249, 249,  
205) }
```

Background

The CSS property to change the background color of an element to RGB 205, 249, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 249, 205) }
```

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

```
.background{ background-color: rgb(249,  
249, 205) }
```

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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