

Converting Colors

`RYB(209, 251, 202)`

Have a look what the booklet for
RYB(209, 251, 202) contains.

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Color

R_YB(209, 251, 202)

Conversions

Conversions Part 1

Format	Color
Hex	FBF5CA
RGB	251, 245, 202
RGB Percent	98%, 96%, 79%
CMY	0.0157, 0.0397, 0.2078
CMYK	0.00, 0.02, 0.20, 0.02
HSL	53°, 86%, 89%
HSV	53°, 20%, 98%
XYZ	83.0589, 90.0027, 68.8717
YIQ	241.8920, 17.3790, -12.1010

Conversions

Conversions Part 2

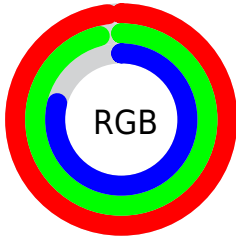
Format	Color
R_{YB}	209, 251, 202
Decimal	16512458
CIE _{Lab}	96.00, -4.72, 21.42
CIE _{LCh}	96, 21.933, 102.434
Yxy	90.0027, 0.3433, 0.3720
Android (android.graphics.Color)	4294702538 (0xFFFFBF5CA)
YUV	241.8920, -19.6668, 7.9877
Hunter-Lab	94.8698, -9.7444, 23.3666

Details

The RYB color **209, 251, 202** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **202, 207, 251**, and the grayscale version is **242, 242, 242**.

A 20% lighter version of the original color is **255, 255, 255**, and **154, 194, 148** is the 20% darker color. If you saturate the color by 10%, you get **187, 251, 177**, and if you desaturate by 10%, it is **230, 251, 227**.

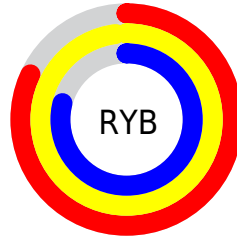
Distribution



Red (98%)

Green (96%)

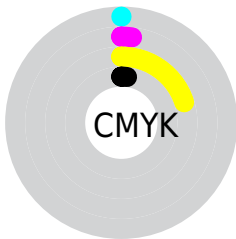
Blue (79%)



Red (82%)

Yellow (98%)

Blue (79%)

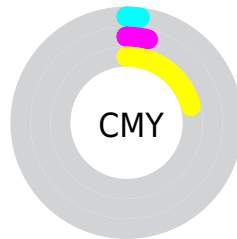


Cyan (0%)

Magenta (2%)

Yellow (20%)

Black (2%)



Cyan (2%)

Magenta (4%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 209, 251, 202 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 209, 251, 202 by changing the saturation by 10% instead.

■ 209, 251, 202

255, 255, 255

■ 209, 251, 202

■ 182, 222, 175

■ 154, 194, 148

■ 128, 167, 122

■ 101, 140, 97

■ 77, 114, 73

■ 53, 89, 50

■ 30, 65, 28

■ 6, 43, 4

■ 0, 21, 2

■ 209, 251, 202

■ 209, 251, 202

■ 187, 251, 177

■ 230, 251, 227

■ 166, 251, 152

■ 251, 251, 252

■ 145, 251, 127

■ 251, 253, 255

■ 124, 251, 102

■ 251, 253, 255

■ 102, 251, 77

■ 80, 251, 51

■ 58, 251, 26

■ 36, 251, 1

■ 35, 251, 0

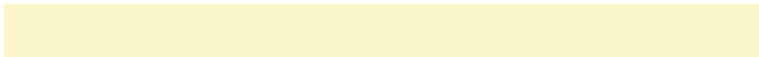
Harmonies

Analogous

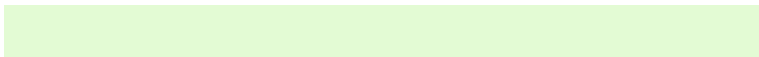
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228, 255, 203



209, 251, 202



212, 251, 236

Triad

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



209, 251, 202



189, 222, 255



255, 230, 255

Complementary

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



209, 251, 202



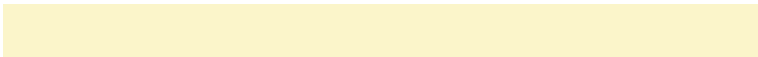
202, 207, 251

Split Complementary

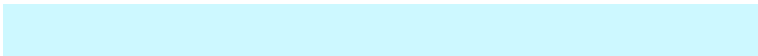
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 235, 255



209, 251, 202



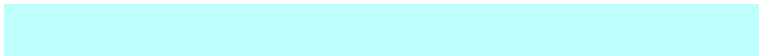
205, 228, 255

Square

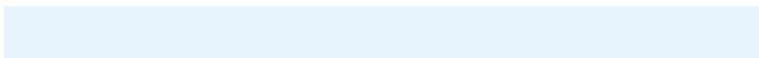
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



209, 251, 202



189, 223, 255



231, 239, 255



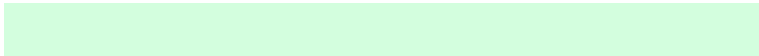
255, 229, 235

Rectangle

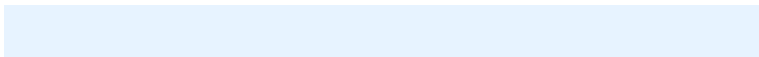
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



209, 251, 202



211, 245, 254



231, 239, 255



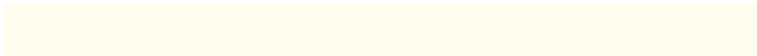
255, 231, 255

Sweetspot

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



209, 251, 202



242, 255, 240



251, 202, 209



122, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



209, 251, 202



204, 255, 196



202, 251, 220



114, 125, 112



27, 189, 0



8, 61, 0

Inverse Universe

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



202, 207, 251



196, 203, 255



220, 202, 251



112, 114, 125



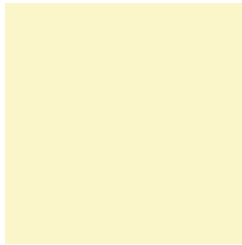
0, 21, 189



0, 7, 61

Previews

White Background



This preview shows how the RYB color 209, 251, 202 looks on a white background.

Color Contrast Check

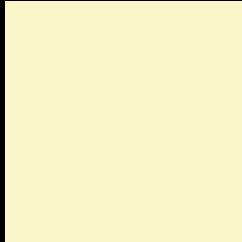
Large Text (above 18pt) WCAG AA × Fail

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 209, 251, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

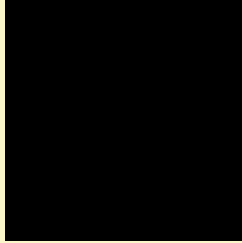
Any Text WCAG AA ✓ Pass

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 209, 251, 202 Background



This preview shows how black text looks on a background with the RYB color 209, 251, 202.



This preview shows how white text looks on a background with the RYB color 209, 251, 202.

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
209, 251, 202

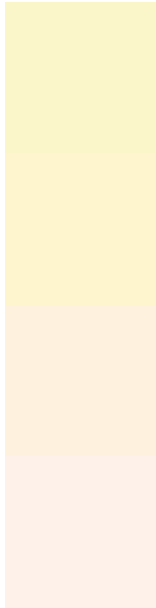
Protanopia
225, 255, 209

Deuteranopia
255, 246, 233



Tritanopia
255, 239, 253

Trichromacy



Original Color

209, 251, 202

Protanomaly

219, 254, 206

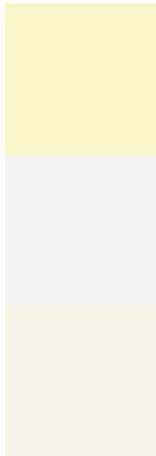
Deuteranomaly

241, 254, 222

Tritanomaly

254, 245, 234

Monochromacy



Original Color

209, 251, 202

Achromatopsia

242, 242, 242

Achromatomaly

229, 245, 227

CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 251, 202 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(251, 245, 202) looks like.

```
.text, #text, p{  
    color:rgb(251, 245, 202)  
}
```

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(251, 245, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 245, 202) }
```

Border

The CSS property to change the border of an element to RYB 209, 251, 202 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(251, 245, 202) }
```

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

```
.border{ border-color:rgb(251, 245, 202) }
```

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

Here you see how a box with a 4 pixel rgb(251, 245, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 245, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 245, 202);  
box-shadow:4px 4px 4px 4px rgb(251, 245,  
202) }
```

Background

The CSS property to change the background color of an element to RGB 209, 251, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 245, 202) }
```

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

```
.background{ background-color: rgb(251,  
245, 202) }
```

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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