

Converting Colors

`RYB(199, 249, 206)`

Have a look what the booklet for
RYB(199, 249, 206) contains.

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Color

R_YB(199, 249, 206)

Conversions

Conversions Part 1

Format	Color
Hex	F2F9C7
RGB	242, 249, 199
RGB Percent	95%, 98%, 78%
CMY	0.0510, 0.0235, 0.2196
CMYK	0.03, 0.00, 0.20, 0.02
HSL	68°, 81%, 88%
HSV	68°, 20%, 98%
XYZ	80.8024, 90.7521, 67.2910
YIQ	241.2070, 11.8780, -17.0340

Conversions

Conversions Part 2

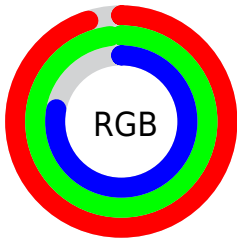
Format	Color
RYB	199, 249, 206
Decimal	15923655
CIELab	96.31, -10.43, 23.28
CIELCh	96, 25.505, 114.131
Yxy	90.7521, 0.3383, 0.3800
Android (android.graphics.Color)	4294113735 (0xFFFF2F9C7)
YUV	241.2070, -20.8081, 0.6955
Hunter-Lab	95.2639, -15.3089, 24.8044

Details

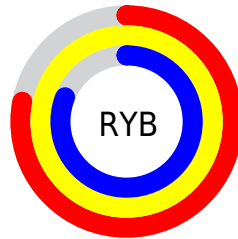
The RYB color **199, 249, 206** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **206, 199, 249**, and the grayscale version is **241, 241, 241**.

A 20% lighter version of the original color is **255, 255, 255**, and **145, 193, 152** is the 20% darker color. If you saturate the color by 10%, you get **174, 249, 184**, and if you desaturate by 10%, it is **224, 249, 228**.

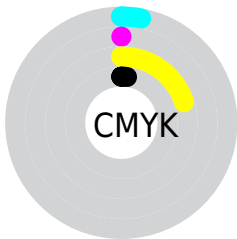
Distribution



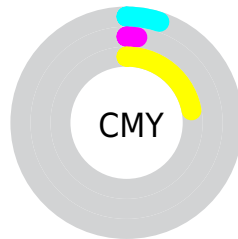
- Red (95%)
- Green (98%)
- Blue (78%)



- Red (78%)
- Yellow (98%)
- Blue (81%)



- Cyan (3%)
- Magenta (0%)
- Yellow (20%)
- Black (2%)



- Cyan (5%)
- Magenta (2%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 199, 249, 206 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 199, 249, 206 by changing the saturation by 10% instead.

199, 249, 206

255, 255, 255

199, 249, 206

172, 220, 179

145, 193, 152

119, 165, 126

94, 139, 101

70, 114, 78

47, 89, 54

25, 66, 33

0, 44, 8

0, 24, 16

 199, 249, 206

 199, 249, 206

 174, 249, 184

 224, 249, 228

 149, 249, 163

 249, 249, 249

 124, 249, 141

 252, 249, 255

 99, 249, 120

 255, 249, 255

 75, 249, 99

 50, 249, 78

 25, 249, 56

 0, 249, 35

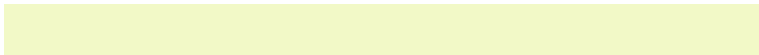
Harmonies

Analogous

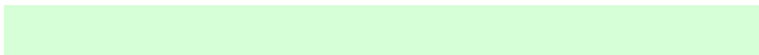
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



214, 255, 196



199, 249, 206



214, 254, 255

Triad

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



199, 249, 206



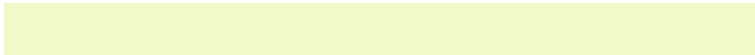
184, 220, 255



255, 227, 250

Complementary

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



199, 249, 206



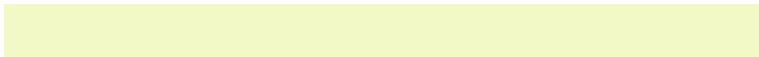
206, 199, 249

Split Complementary

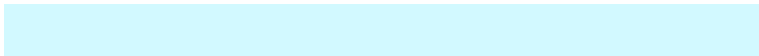
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 232, 255



199, 249, 206



210, 231, 255

Square

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



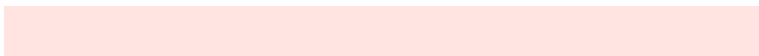
199, 249, 206



177, 216, 255



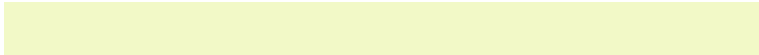
243, 240, 255



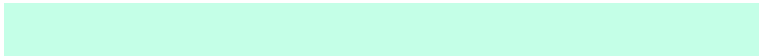
255, 228, 225

Rectangle

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



199, 249, 206



196, 233, 255



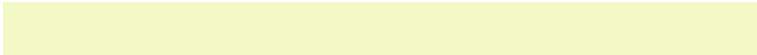
243, 240, 255



255, 228, 255

Sweetspot

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



199, 249, 206



240, 255, 242



249, 207, 199



119, 128, 121



0, 0, 0



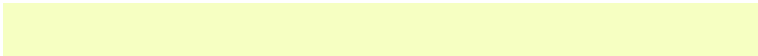
128, 128, 128

Same Dimension

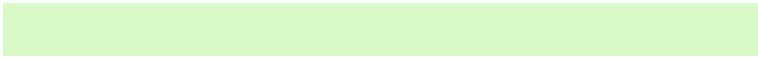
The Same Dimension uses a secret algorithm to generate beautiful new colors.



199, 249, 206



194, 255, 203



199, 249, 231



112, 125, 114



0, 189, 27



0, 61, 8

Inverse Universe

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



206, 199, 249



202, 194, 255



231, 199, 249



114, 112, 125



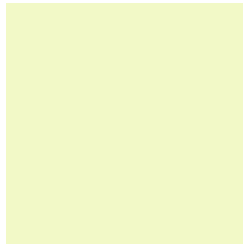
26, 0, 189



9, 0, 61

Previews

White Background



This preview shows how the RYB color 199, 249, 206 looks on a white background.

Color Contrast Check

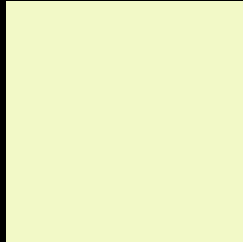
Large Text (above 18pt) WCAG AA × Fail

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 199, 249, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

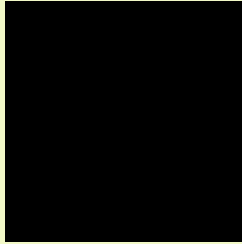
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

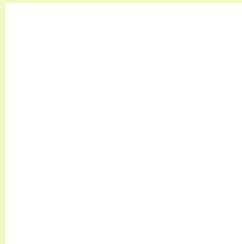
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 199, 249, 206 Background



This preview shows how black text looks on a background with the RYB color 199, 249, 206.

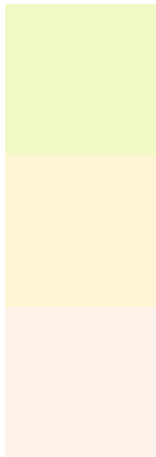


This preview shows how white text looks on a background with the RYB color 199, 249, 206.

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
199, 249, 206

Protanopia
226, 255, 211

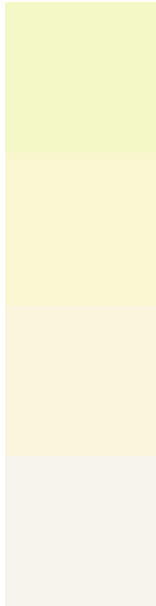
Deuteranopia
255, 247, 234



Tritanopia

248, 242, 255

Trichromacy



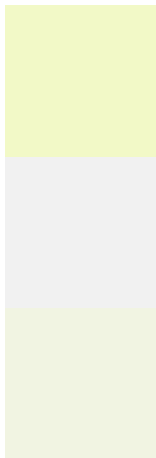
Original Color
199, 249, 206

Protanomaly
211, 250, 207

Deuteranomaly
227, 250, 221

Tritanomaly
236, 246, 235

Monochromacy



Original Color
199, 249, 206

Achromatopsia
241, 241, 241

Achromatomaly
226, 244, 229

CSS Examples

Text

The CSS property to change the color of the text to RYB 199, 249, 206 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(242, 249, 199)` looks like.

```
.text, #text, p{  
    color:rgb(242, 249, 199)  
}
```

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(242, 249, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 249, 199) }
```

Border

The CSS property to change the border of an element to RYB 199, 249, 206 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(242, 249, 199) }
```

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

```
.border{ border-color:rgb(242, 249, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 249, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 249, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 249, 199);  
box-shadow:4px 4px 4px 4px rgb(242, 249,  
199) }
```

Background

The CSS property to change the background color of an element to RYB 199, 249, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 249, 199) }
```

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

```
.background{ background-color: rgb(242,  
249, 199) }
```

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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