

Converting Colors

`RYB(213, 254, 206)`

Have a look what the booklet for
RYB(213, 254, 206) contains.

RYB(213, 254, 206)	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(213, 254, 206)

Conversions

Conversions Part 1

Format	Color
Hex	FEF8CE
RGB	254, 248, 206
RGB Percent	100%, 97%, 81%
CMY	0.0039, 0.0279, 0.1922
CMYK	0.00, 0.02, 0.19, 0.00
HSL	52°, 96%, 90%
HSV	52°, 19%, 100%
XYZ	85.5475, 92.5948, 71.7563
YIQ	245.0060, 17.0580, -11.7900

Conversions

Conversions Part 2

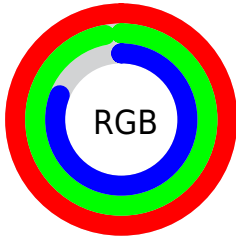
Format	Color
RYB	213, 254, 206
Decimal	16709838
CIELab	97.06, -4.59, 20.89
CIELCh	97, 21.388, 102.381
Yxy	92.5948, 0.3423, 0.3705
Android (android.graphics.Color)	4294899918 (0xFFFEF8CE)
YUV	245.0060, -19.2300, 7.8877
Hunter-Lab	96.2262, -9.7049, 23.1455

Details

The RYB color **213, 254, 206** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **206, 211, 254**, and the grayscale version is **245, 245, 245**.

A 20% lighter version of the original color is **255, 255, 255**, and **158, 197, 152** is the 20% darker color. If you saturate the color by 10%, you get **191, 254, 181**, and if you desaturate by 10%, it is **234, 254, 231**.

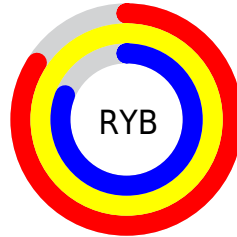
Distribution



Red (100%)

Green (97%)

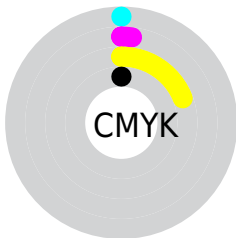
Blue (81%)



Red (84%)

Yellow (100%)

Blue (81%)

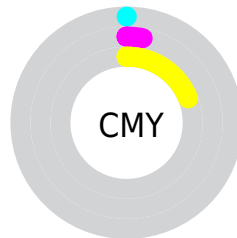


Cyan (0%)

Magenta (2%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (3%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 213, 254, 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 213, 254, 206 by changing the saturation by 10% instead.


 213, 254, 206

255, 255, 255


 213, 254, 206

 185, 225, 178

 158, 197, 152


 132, 170, 126

 106, 143, 100

 80, 117, 76

 57, 92, 53

 34, 68, 31

 11, 45, 9

 0, 23, 0

■ 213, 254, 206

■ 213, 254, 206

■ 191, 254, 181

■ 234, 254, 231

■ 170, 254, 155

■ 254, 254, 255

■ 148, 254, 130

■ 254, 255, 255

■ 126, 254, 104

■ 104, 254, 79

■ 84, 254, 54

■ 61, 254, 28

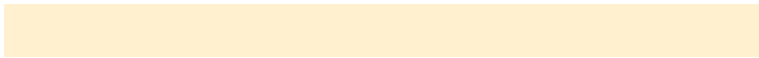
■ 40, 254, 3

■ 37, 254, 0

Harmonies

Analogous

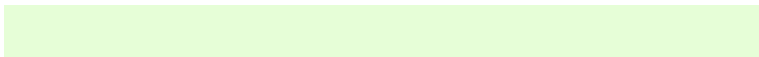
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227, 255, 207



213, 254, 206



215, 254, 239

Triad

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



213, 254, 206



194, 225, 255



255, 233, 255

Complementary

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



213, 254, 206



206, 211, 254

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, 239, 255



213, 254, 206



209, 231, 255

Square

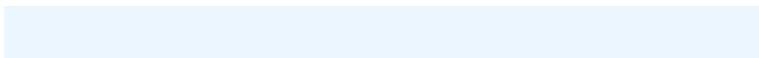
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



213, 254, 206



194, 225, 255



235, 242, 255



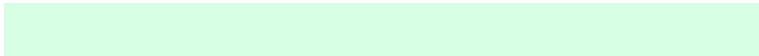
255, 232, 238

Rectangle

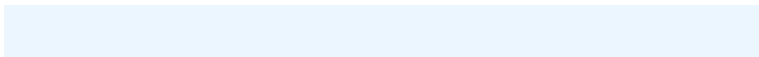
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



213, 254, 206



215, 246, 255



235, 242, 255



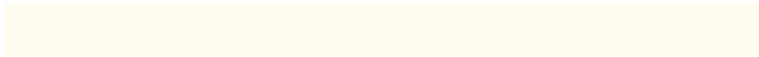
255, 235, 255

Sweetspot

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



213, 254, 206



242, 255, 240



254, 206, 212



122, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



213, 254, 206



204, 255, 196



206, 254, 224



117, 128, 115



27, 191, 0



9, 64, 0

Inverse Universe

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



206, 211, 254



196, 203, 255



224, 206, 254



115, 116, 128



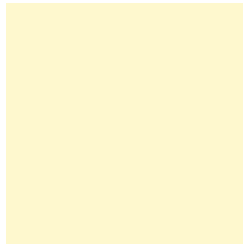
0, 21, 191



0, 7, 64

Previews

White Background



This preview shows how the RYB color 213, 254, 206 looks on a white background.

Color Contrast Check

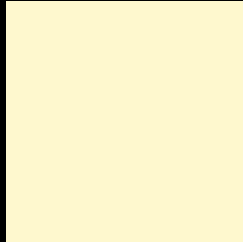
Large Text (above 18pt) WCAG AA × Fail

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 213, 254, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

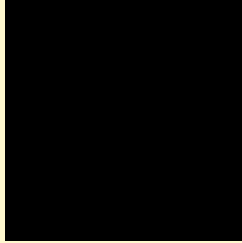
Any Text WCAG AA ✓ Pass

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 213, 254, 206 Background



This preview shows how black text looks on a background with the RYB color 213, 254, 206.

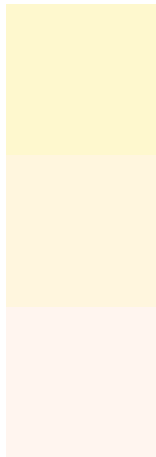


This preview shows how white text looks on a background with the RYB color 213, 254, 206.

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
[213](#), [254](#), [206](#)

Protanopia
[234](#), [255](#), [222](#)

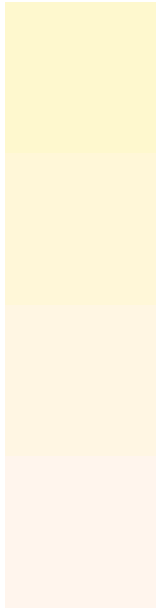
Deuteranopia
[255](#), [249](#), [239](#)



Tritanopia

255, 243, 254

Trichromacy



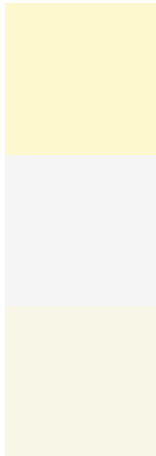
Original Color
213, 254, 206

Protanomaly
226, 255, 216

Deuteranomaly
240, 255, 227

Tritanomaly
255, 251, 237

Monochromacy



Original Color
213, 254, 206

Achromatopsia
245, 245, 245

Achromatomaly
233, 248, 231

CSS Examples

Text

The CSS property to change the color of the text to RYB 213, 254, 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(254, 248, 206) looks like.

```
.text, #text, p{  
    color:rgb(254, 248, 206)  
}
```

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(254, 248, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 248, 206) }
```

Border

The CSS property to change the border of an element to RYB 213, 254, 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(254, 248, 206) }
```

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

```
.border{ border-color:rgb(254, 248, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 248, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 248, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 248, 206);  
box-shadow:4px 4px 4px 4px rgb(254, 248,  
206) }
```

Background

The CSS property to change the background color of an element to RYB 213, 254, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 248, 206) }
```

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

```
.background{ background-color: rgb(254,  
248, 206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor