

Converting Colors

`RYB(210, 249, 214)`

Have a look what the booklet for
RYB(210, 249, 214) contains.

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Color

R_YB(210, 249, 214)

Conversions

Conversions Part 1

Format	Color
Hex	F5F9D2
RGB	245, 249, 210
RGB Percent	96%, 98%, 82%
CMY	0.0392, 0.0235, 0.1765
CMYK	0.02, 0.00, 0.16, 0.02
HSL	66°, 76%, 90%
HSV	66°, 16%, 98%
XYZ	83.1647, 91.8170, 74.3120
YIQ	243.3580, 10.1350, -12.9770

Conversions

Conversions Part 2

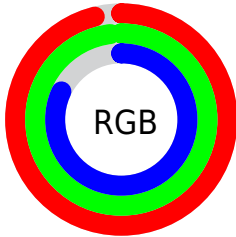
Format	Color
R_{YB}	210, 249, 214
Decimal	16120274
CIE _{Lab}	96.75, -7.74, 18.30
CIE _{LCh}	97, 19.871, 112.929
Y _{xy}	91.8170, 0.3336, 0.3683
Android (android.graphics.Color)	4294310354 (0xFFFF5F9D2)
YUV	243.3580, -16.4455, 1.4400
Hunter-Lab	95.8212, -12.7641, 21.0938

Details

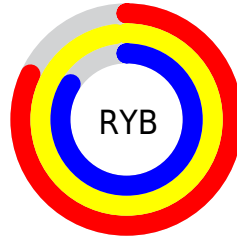
The RYB color **210, 249, 214** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **214, 210, 249**, and the grayscale version is **244, 244, 244**.

A 20% lighter version of the original color is **255, 255, 255**, and **155, 193, 159** is the 20% darker color. If you saturate the color by 10%, you get **185, 249, 192**, and if you desaturate by 10%, it is **235, 249, 236**.

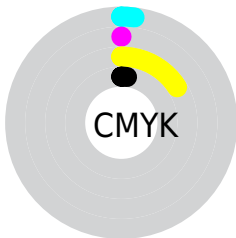
Distribution



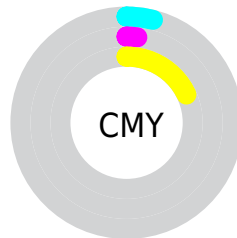
- Red (96%)
- Green (98%)
- Blue (82%)



- Red (82%)
- Yellow (98%)
- Blue (84%)



- Cyan (2%)
- Magenta (0%)
- Yellow (16%)
- Black (2%)



- Cyan (4%)
- Magenta (2%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 210, 249, 214 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 210, 249, 214 by changing the saturation by 10% instead.

210, 249, 214

255, 255, 255

210, 249, 214

182, 220, 186

155, 193, 159

129, 165, 133

104, 139, 108

80, 114, 85

57, 89, 61

35, 66, 40

14, 44, 19

0, 24, 7

210, 249, 214

210, 249, 214

185, 249, 192

235, 249, 236

160, 249, 169

250, 249, 255

135, 249, 147

253, 249, 255

110, 249, 124

255, 249, 255

85, 249, 102

61, 249, 80

36, 249, 58

11, 249, 35

0, 249, 26

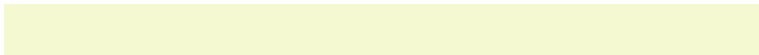
Harmonies

Analogous

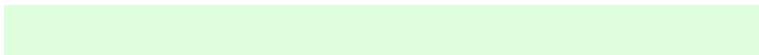
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



224, 255, 208



210, 249, 214



222, 254, 253

Triad

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



210, 249, 214



201, 228, 255



255, 233, 251

Complementary

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



210, 249, 214



214, 210, 249

Split Complementary

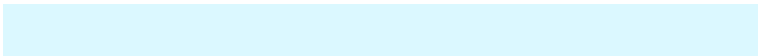
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 236, 255



210, 249, 214



219, 235, 255

Square

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



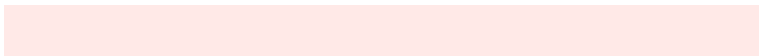
210, 249, 214



195, 225, 255



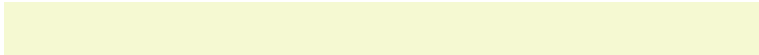
244, 242, 255



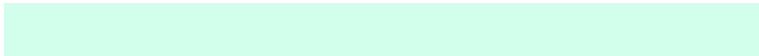
255, 233, 231

Rectangle

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



210, 249, 214



210, 239, 255



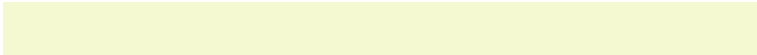
244, 242, 255



255, 234, 255

Sweetspot

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



210, 249, 214



242, 255, 243



249, 214, 210



120, 128, 121



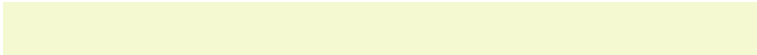
0, 0, 0



128, 128, 128

Same Dimension

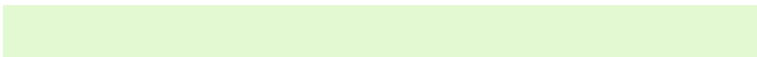
The Same Dimension uses a secret algorithm to generate beautiful new colors.



210, 249, 214



207, 255, 212



210, 249, 233



112, 125, 113



0, 189, 20



0, 61, 6

Inverse Universe

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



214, 210, 249



212, 207, 255



233, 210, 249



114, 112, 125



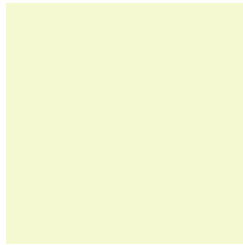
19, 0, 189



6, 0, 61

Previews

White Background



This preview shows how the RYB color 210, 249, 214 looks on a white background.

Color Contrast Check

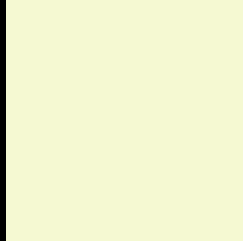
Large Text (above 18pt) WCAG AA × Fail

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 210, 249, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

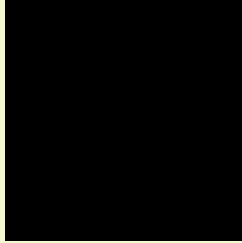
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

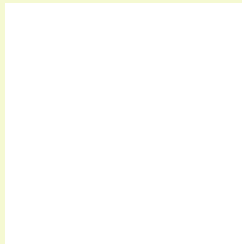
Any Text WCAG AAA ✓ Pass

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

RYB 210, 249, 214 Background



This preview shows how black text looks on a background with the RYB color 210, 249, 214.

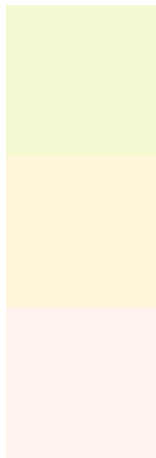


This preview shows how white text looks on a background with the RYB color 210, 249, 214.

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
210, 249, 214

Protanopia
233, 255, 219

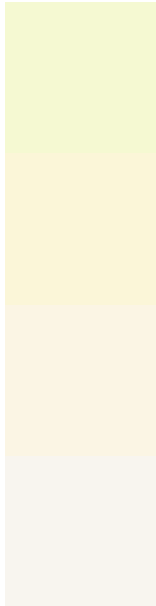
Deuteranopia
255, 245, 238



Tritanopia

250, 243, 255

Trichromacy



Original Color
210, 249, 214

Protanomaly
222, 251, 216

Deuteranomaly
236, 251, 228

Tritanomaly
244, 248, 239

Monochromacy



Original Color
210, 249, 214

Achromatopsia
243, 243, 243

Achromatomaly
231, 245, 232

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 249, 214 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(245, 249, 210) looks like.

```
.text, #text, p{  
    color:rgb(245, 249, 210)  
}
```

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(245, 249, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 249, 210) }
```

Border

The CSS property to change the border of an element to RYB 210, 249, 214 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(245, 249, 210) }
```

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

```
.border{ border-color:rgb(245, 249, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 249, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 249, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 249, 210);  
box-shadow:4px 4px 4px 4px rgb(245, 249,  
210) }
```

Background

The CSS property to change the background color of an element to RGB 210, 249, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 249, 210) }
```

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

```
.background{ background-color: rgb(245,  
249, 210) }
```

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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