

Converting Colors

`RYB(214, 241, 211)`

Have a look what the booklet for
RYB(214, 241, 211) contains.

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Color

R_YB(214, 241, 211)

Conversions

Conversions Part 1

Format	Color
Hex	F1EED3
RGB	241, 238, 211
RGB Percent	95%, 93%, 83%
CMY	0.0549, 0.0656, 0.1725
CMYK	0.00, 0.01, 0.12, 0.05
HSL	55°, 52%, 89%
HSV	55°, 12%, 95%
XYZ	78.6875, 84.7119, 73.8318
YIQ	235.8190, 10.4550, -7.7610

Conversions

Conversions Part 2

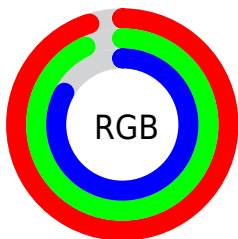
Format	Color
R_{YB}	214, 241, 211
Decimal	15855315
CIE _{Lab}	93.76, -3.61, 13.53
CIE _{LCh}	94, 14.005, 104.934
Yxy	84.7119, 0.3317, 0.3571
Android (android.graphics.Color)	4294045395 (0xFFFF1EED3)
YUV	235.8190, -12.2358, 4.5437
Hunter-Lab	92.0391, -8.4624, 16.8662

Details

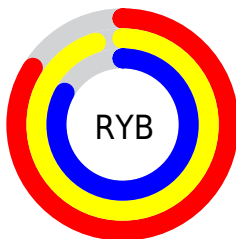
The RYB color **214, 241, 211** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **211, 214, 241**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is **255, 255, 255**, and **159, 185, 156** is the 20% darker color. If you saturate the color by 10%, you get **193, 241, 187**, and if you desaturate by 10%, it is **236, 241, 235**.

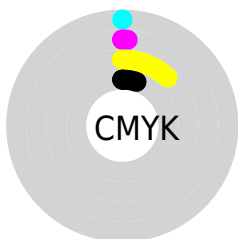
Distribution



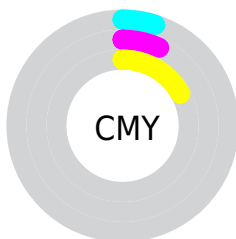
- Red (95%)
- Green (93%)
- Blue (83%)



- Red (84%)
- Yellow (95%)
- Blue (83%)



- Cyan (0%)
- Magenta (1%)
- Yellow (12%)
- Black (5%)



- Cyan (5%)
- Magenta (7%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 214, 241, 211 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 214, 241, 211 by changing the saturation by 10% instead.

■ 214, 241, 211

255, 255, 255

■ 214, 241, 211

■ 186, 213, 183

■ 159, 185, 156

■ 132, 158, 130

■ 107, 132, 105

■ 83, 106, 81

■ 60, 82, 58

■ 37, 59, 36

■ 16, 37, 15


■ 0, 15, 3


 214, 241, 211

 214, 241, 211


 193, 241, 187

 236, 241, 235


 171, 241, 163


 241, 243, 255


 149, 241, 139

 241, 244, 255


 127, 241, 115

 241, 245, 255


 105, 241, 90

 241, 246, 255


 84, 241, 66


 241, 247, 255

 62, 241, 42

 241, 248, 255

 40, 241, 18

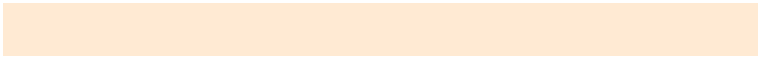
 241, 248, 255

 24, 241, 0

Harmonies

Analogous

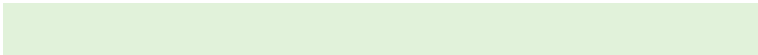
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



251, 255, 211



214, 241, 211



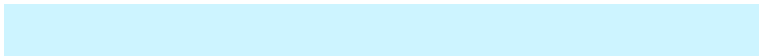
218, 242, 235

Triad

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



214, 241, 211



205, 227, 255



255, 229, 244

Complementary

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



214, 241, 211



211, 214, 241

Split Complementary

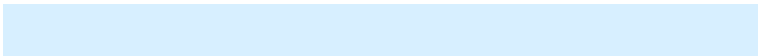
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



248, 232, 255



214, 241, 211



215, 230, 255

Square

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



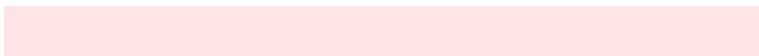
214, 241, 211



204, 225, 245



231, 235, 255



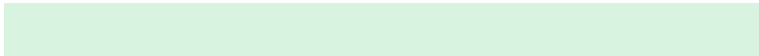
255, 228, 231

Rectangle

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



214, 241, 211



216, 237, 244



231, 235, 255



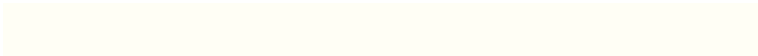
255, 229, 249

Sweetspot

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



214, 241, 211



246, 255, 245



241, 211, 214



122, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



214, 241, 211



220, 255, 217



211, 241, 223



109, 120, 108



19, 184, 0



5, 56, 0

Inverse Universe

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



211, 214, 241



217, 220, 255



223, 211, 241



108, 109, 120



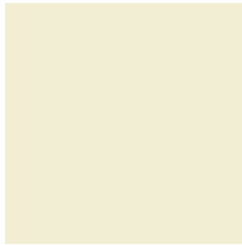
0, 16, 184



0, 5, 56

Previews

White Background



This preview shows how the RYB color 214, 241, 211 looks on a white background.

Color Contrast Check

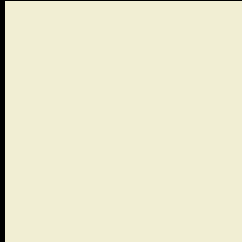
Large Text (above 18pt) WCAG AA × Fail

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 214, 241, 211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

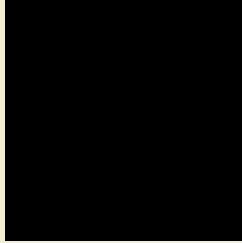
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

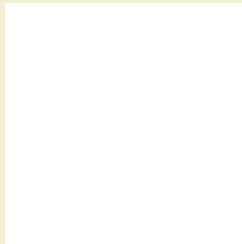
Any Text WCAG AAA ✓ Pass

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

RYB 214, 241, 211 Background



This preview shows how black text looks on a background with the RYB color 214, 241, 211.

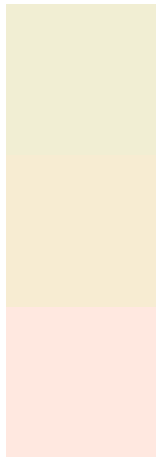


This preview shows how white text looks on a background with the RYB color 214, 241, 211.

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
214, 241, 211

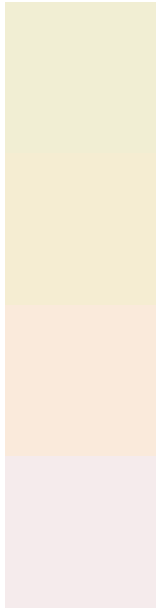
Protanopia
226, 247, 210

Deuteranopia
255, 235, 224



Tritanopia
247, 233, 251

Trichromacy



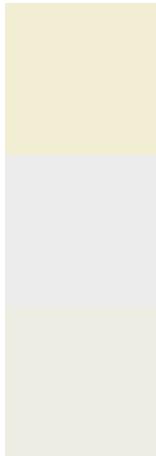
Original Color
214, 241, 211

Protanomaly
220, 245, 210

Deuteranomaly
250, 248, 219

Tritanomaly
245, 235, 236

Monochromacy



Original Color
214, 241, 211

Achromatopsia
236, 236, 236

Achromatomaly
228, 238, 227

CSS Examples

Text

The CSS property to change the color of the text to RYB 214, 241, 211 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(241, 238, 211)` looks like.

```
.text, #text, p{  
    color:rgb(241, 238, 211)  
}
```

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(241, 238, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 238, 211) }
```

Border

The CSS property to change the border of an element to RYB 214, 241, 211 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(241, 238, 211) }
```

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

```
.border{ border-color:rgb(241, 238, 211) }
```

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

Here you see how a box with a 4 pixel rgb(241, 238, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 238, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 238, 211);  
box-shadow:4px 4px 4px 4px rgb(241, 238,  
211) }
```

Background

The CSS property to change the background color of an element to RGB 214, 241, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 238, 211) }
```

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

```
.background{ background-color: rgb(241,  
238, 211) }
```

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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