

Converting Colors

`RYB(215, 253, 213)`

Have a look what the booklet for
RYB(215, 253, 213) contains.

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Color

R_YB(215, 253, 213)

Conversions

Conversions Part 1

Format	Color
Hex	FDFBD5
RGB	253, 251, 213
RGB Percent	99%, 98%, 84%
CMY	0.0078, 0.0153, 0.1647
CMYK	0.00, 0.01, 0.16, 0.01
HSL	57°, 91%, 91%
HSV	57°, 16%, 99%
XYZ	87.0452, 94.7406, 76.6498
YIQ	247.2660, 13.3900, -11.3940

Conversions

Conversions Part 2

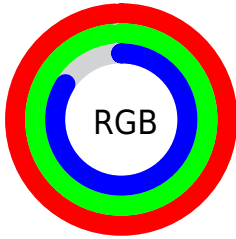
Format	Color
R _Y B	215, 253, 213
Decimal	16645077
CIE Lab	97.93, -5.52, 18.51
CIE LCh	98, 19.321, 106.603
Yxy	94.7406, 0.3368, 0.3666
Android (android.graphics.Color)	4294835157 (0xFFFD5)
YUV	247.2660, -16.8931, 5.0287
Hunter-Lab	97.3348, -10.7057, 21.4443

Details

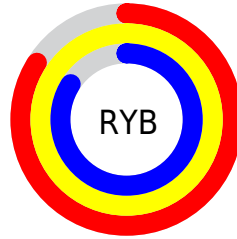
The RYB color **215, 253, 213** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **213, 215, 253**, and the grayscale version is **247, 247, 247**.

A 20% lighter version of the original color is **255, 255, 255**, and **159, 196, 158** is the 20% darker color. If you saturate the color by 10%, you get **191, 253, 188**, and if you desaturate by 10%, it is **239, 253, 238**.

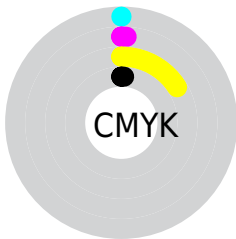
Distribution



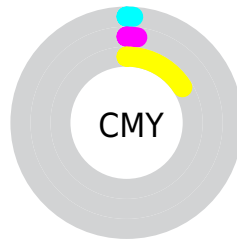
- Red (99%)
- Green (98%)
- Blue (84%)



- Red (84%)
- Yellow (99%)
- Blue (84%)



- Cyan (0%)
- Magenta (1%)
- Yellow (16%)
- Black (1%)



- Cyan (1%)
- Magenta (2%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 215, 253, 213 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 215, 253, 213 by changing the saturation by 10% instead.

 215, 253, 213

255, 255, 255


 215, 253, 213

 186, 224, 185

 159, 196, 158

 134, 169, 132

 108, 142, 107

 82, 116, 82

 59, 91, 59

 37, 68, 38

 16, 45, 16

 0, 25, 1

■ 215, 253, 213

■ 215, 253, 213

■ 191, 253, 188

■ 239, 253, 238

■ 166, 253, 162

■ 253, 254, 255

■ 143, 253, 137

■ 253, 254, 255

■ 119, 253, 112

■ 94, 253, 86

■ 70, 253, 61

■ 46, 253, 36

■ 24, 253, 11

■ 13, 253, 0

Harmonies

Analogous

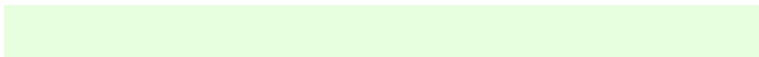
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226, 255, 213



215, 253, 213



223, 255, 247

Triad

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



215, 253, 213



203, 229, 255



255, 237, 255

Complementary

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



215, 253, 213



213, 215, 253

Split Complementary

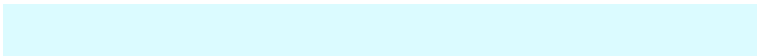
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 241, 255



215, 253, 213



219, 236, 255

Square

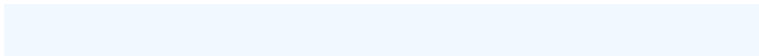
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



215, 253, 213



201, 228, 255



242, 246, 255



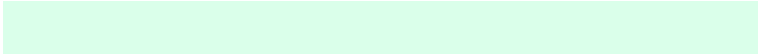
255, 236, 239

Rectangle

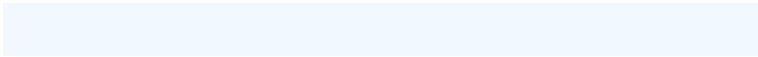
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



215, 253, 213



218, 244, 255



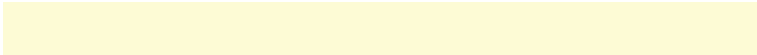
242, 246, 255



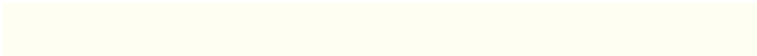
255, 238, 255

Sweetspot

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



215, 253, 213



243, 255, 242



253, 213, 215



121, 128, 120



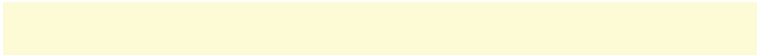
0, 0, 0



128, 128, 128

Same Dimension

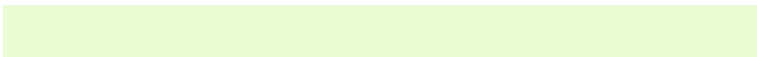
The Same Dimension uses a secret algorithm to generate beautiful new colors.



215, 253, 213



209, 255, 207



213, 253, 231



116, 128, 115



9, 191, 0



3, 64, 0

Inverse Universe

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



213, 215, 253



207, 209, 255



231, 213, 253



115, 115, 128



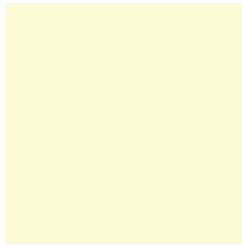
0, 9, 191



0, 3, 64

Previews

White Background



This preview shows how the RYB color 215, 253, 213 looks on a white background.

Color Contrast Check

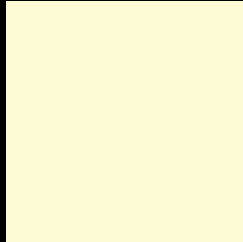
Large Text (above 18pt) WCAG AA × Fail

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 215, 253, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

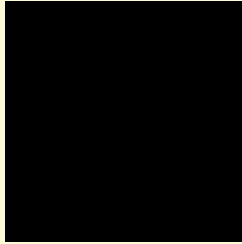
Any Text WCAG AA ✓ Pass

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 215, 253, 213 Background



This preview shows how black text looks on a background with the RYB color 215, 253, 213.

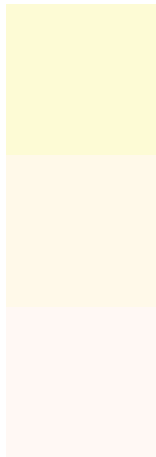


This preview shows how white text looks on a background with the RYB color 215, 253, 213.

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
215, 253, 213

Protanopia
241, 255, 233

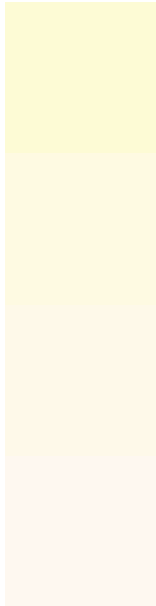
Deuteranopia
255, 250, 244



Tritanopia

254, 247, 255

Trichromacy



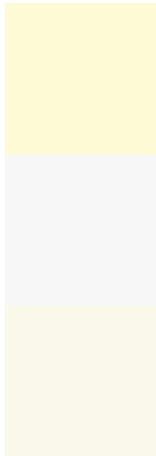
Original Color
215, 253, 213

Protanomaly
231, 254, 226

Deuteranomaly
240, 254, 233

Tritanomaly
251, 254, 240

Monochromacy



Original Color
215, 253, 213

Achromatopsia
247, 247, 247

Achromatomaly
236, 249, 235

CSS Examples

Text

The CSS property to change the color of the text to RYB 215, 253, 213 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(253, 251, 213) looks like.

```
.text, #text, p{  
    color:rgb(253, 251, 213)  
}
```

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(253, 251, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 251, 213) }
```

Border

The CSS property to change the border of an element to RYB 215, 253, 213 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(253, 251, 213) }
```

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

```
.border{ border-color:rgb(253, 251, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 251, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 251, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 251, 213);  
box-shadow:4px 4px 4px 4px rgb(253, 251,  
213) }
```

Background

The CSS property to change the background color of an element to RGB 255, 255, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 255, 255) }
```

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

```
.background{ background-color: rgb(255,  
255, 255) }
```

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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