

Converting Colors

`RYB(213, 246, 203)`

Have a look what the booklet for
RYB(213, 246, 203) contains.

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Color

R_YB(213, 246, 203)

Conversions

Conversions Part 1

Format	Color
Hex	F6EECB
RGB	246, 238, 203
RGB Percent	96%, 93%, 80%
CMY	0.0353, 0.0671, 0.2039
CMYK	0.00, 0.03, 0.17, 0.04
HSL	49°, 70%, 88%
HSV	49°, 17%, 96%
XYZ	79.3271, 84.9878, 68.7232
YIQ	236.4020, 16.0030, -9.1890

Conversions

Conversions Part 2

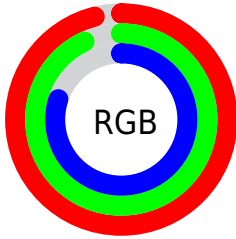
Format	Color
R_{YB}	213, 246, 203
Decimal	16182987
CIE _{Lab}	93.88, -2.85, 17.89
CIE _{LCh}	94, 18.113, 99.064
Yxy	84.9878, 0.3404, 0.3647
Android (android.graphics.Color)	4294373067 (0xFFFF6EECB)
YUV	236.4020, -16.4672, 8.4174
Hunter-Lab	92.1888, -7.7339, 20.3338

Details

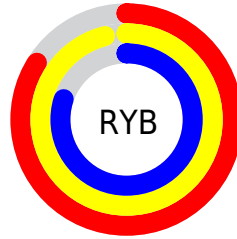
The RYB color **213, 246, 203** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **203, 210, 246**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is **255, 255, 255**, and **157, 189, 149** is the 20% darker color. If you saturate the color by 10%, you get **194, 246, 178**, and if you desaturate by 10%, it is **232, 246, 228**.

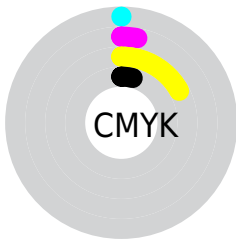
Distribution



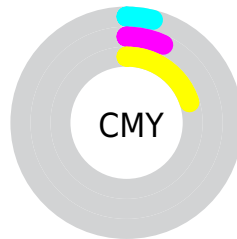
- Red (96%)
- Green (93%)
- Blue (80%)



- Red (84%)
- Yellow (96%)
- Blue (80%)



- Cyan (0%)
- Magenta (3%)
- Yellow (17%)
- Black (4%)



- Cyan (4%)
- Magenta (7%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 213, 246, 203 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, 246, 203 by changing the saturation by 10% instead.

■ 213, 246, 203

255, 255, 255

■ 213, 246, 203

■ 184, 217, 176

■ 157, 189, 149

■ 132, 162, 123

■ 107, 136, 98

■ 81, 110, 74

■ 57, 85, 51

■ 36, 62, 30

■ 11, 40, 6

■ 0, 15, 1

213, 246, 203

213, 246, 203

194, 246, 178

232, 246, 228

175, 246, 154

246, 247, 252

156, 246, 129

246, 250, 255

138, 246, 105

246, 251, 255

118, 246, 80

99, 246, 55

82, 246, 31

61, 246, 6

57, 246, 0

Harmonies

Analogous

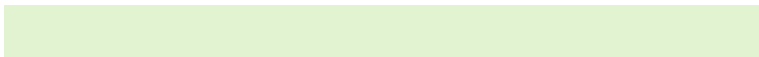
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



248, 255, 205



213, 246, 203



210, 243, 227

Triad

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



213, 246, 203



193, 222, 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.



213, 246, 203



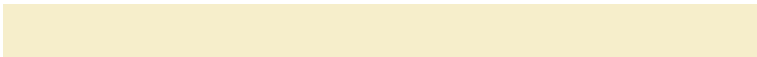
203, 210, 246

Split Complementary

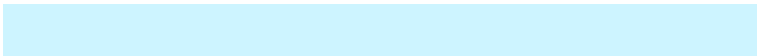
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



247, 231, 255



213, 246, 203



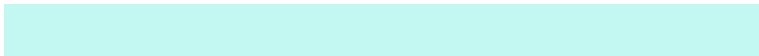
205, 227, 255

Square

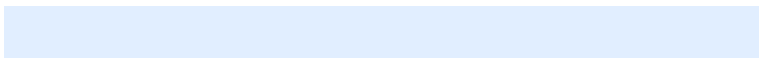
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



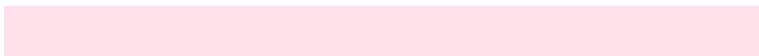
213, 246, 203



195, 223, 248



225, 234, 255



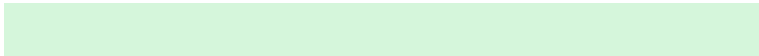
255, 225, 233

Rectangle

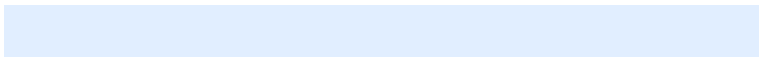
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



213, 246, 203



213, 241, 246



225, 234, 255



255, 228, 255

Sweetspot

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



213, 246, 203



244, 255, 242



246, 203, 212



123, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



213, 246, 203



213, 255, 201



203, 246, 216



112, 122, 110



43, 186, 0



14, 59, 0

Inverse Universe

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



203, 210, 246



201, 210, 255



216, 203, 246



110, 112, 122



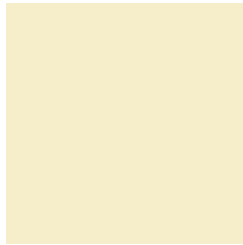
0, 29, 186



0, 9, 59

Previews

White Background



This preview shows how the RYB color 213, 246, 203 looks on a white background.

Color Contrast Check

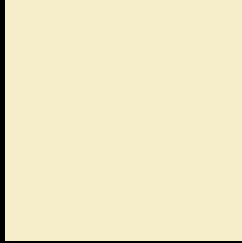
Large Text (above 18pt) WCAG AA × Fail

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, 246, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

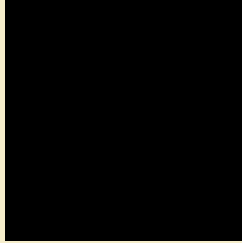
Any Text WCAG AA ✓ Pass

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, 246, 203 Background



This preview shows how black text looks on a background with the RYB color 213, 246, 203.



This preview shows how white text looks on a background with the RYB color 213, 246, 203.

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, 246, 203

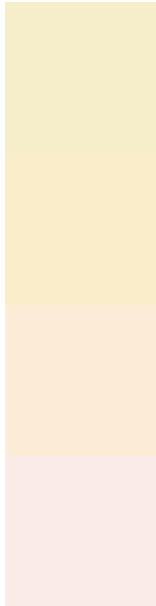
Protanopia
220, 250, 202

Deuteranopia
255, 239, 222



Tritanopia
252, 231, 249

Trichromacy



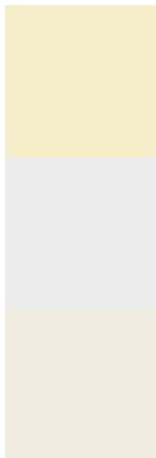
Original Color
213, 246, 203

Protanomaly
218, 249, 202

Deuteranomaly
246, 252, 215

Tritanomaly
250, 234, 232

Monochromacy



Original Color
213, 246, 203

Achromatopsia
236, 236, 236

Achromatomaly
228, 240, 224

CSS Examples

Text

The CSS property to change the color of the text to RYB 213, 246, 203 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(246, 238, 203)` looks like.

```
.text, #text, p{  
    color:rgb(246, 238, 203)  
}
```

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(246, 238, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 238, 203) }
```

Border

The CSS property to change the border of an element to RYB 213, 246, 203 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(246, 238, 203) }
```

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

```
.border{ border-color:rgb(246, 238, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 238, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 238, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 238, 203); box-shadow:4px 4px 4px 4px rgb(246, 238, 203) }
```

Background

The CSS property to change the background color of an element to RGB 213, 246, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 238, 203) }
```

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

```
.background{ background-color: rgb(246,  
238, 203) }
```

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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