

Converting Colors

`RYB(230, 250, 214)`

Have a look what the booklet for
RYB(230, 250, 214) contains.

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Color

R_YB(230, 250, 214)

Conversions

Conversions Part 1

Format	Color
Hex	FAEFD6
RGB	250, 239, 214
RGB Percent	98%, 94%, 84%
CMY	0.0196, 0.0630, 0.1608
CMYK	0.00, 0.04, 0.14, 0.02
HSL	42°, 78%, 91%
HSV	42°, 14%, 98%
XYZ	82.4059, 86.8670, 76.0421
YIQ	239.4390, 14.5810, -5.4430

Conversions

Conversions Part 2

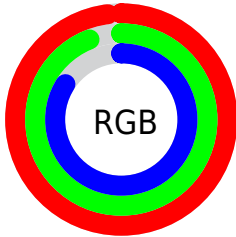
Format	Color
R_{YB}	230, 250, 214
Decimal	16445398
CIE _{Lab}	94.68, -0.31, 13.39
CIE _{LCh}	95, 13.390, 91.308
Yxy	86.8670, 0.3359, 0.3541
Android (android.graphics.Color)	4294635478 (0xFFFAEFD6)
YUV	239.4390, -12.5414, 9.2620
Hunter-Lab	93.2025, -5.2817, 16.8682

Details

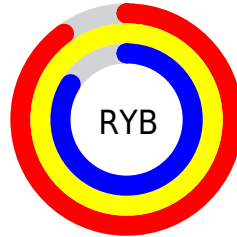
The RYB color **230, 250, 214** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **214, 222, 250**, and the grayscale version is **240, 240, 240**.

A 20% lighter version of the original color is **255, 255, 255**, and **173, 193, 159** is the 20% darker color. If you saturate the color by 10%, you get **217, 250, 189**, and if you desaturate by 10%, it is **243, 250, 239**.

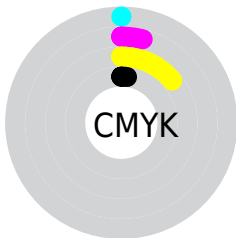
Distribution



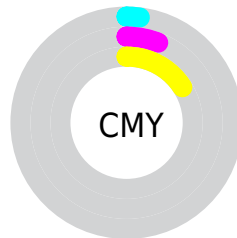
- Red (98%)
- Green (94%)
- Blue (84%)



- Red (90%)
- Yellow (98%)
- Blue (84%)



- Cyan (0%)
- Magenta (4%)
- Yellow (14%)
- Black (2%)



- Cyan (2%)
- Magenta (6%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 230, 250, 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 230, 250, 214 by changing the saturation by 10% instead.

■ 230, 250, 214

255, 255, 255

■ 230, 250, 214

■ 200, 221, 186

■ 173, 193, 159

■ 147, 166, 133

■ 123, 140, 108

■ 97, 114, 84

■ 71, 89, 60

■ 47, 65, 38

■ 26, 43, 18


■ 7, 21, 0

 230, 250, 214

 230, 250, 214

 217, 250, 189

 243, 250, 239

 201, 250, 164


 250, 252, 255


 188, 250, 139


 250, 253, 255


 175, 250, 114

 162, 250, 89

 146, 250, 64

 133, 250, 39

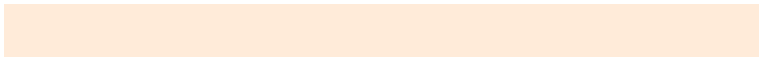
 120, 250, 14

 111, 250, 0

Harmonies

Analogous

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



255, 251, 217



230, 250, 214



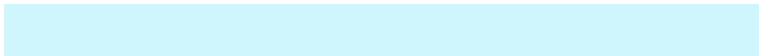
217, 243, 225

Triad

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



230, 250, 214



207, 228, 253



255, 233, 252

Complementary

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



230, 250, 214



214, 222, 250

Split Complementary

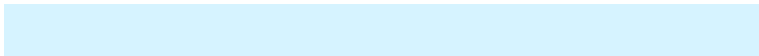
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243, 236, 255



230, 250, 214



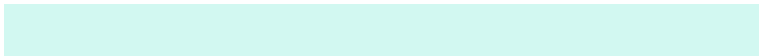
214, 231, 255

Square

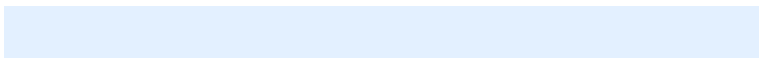
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230, 250, 214



210, 231, 248



227, 236, 255



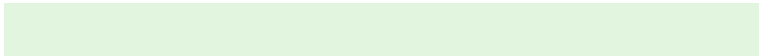
255, 231, 240

Rectangle

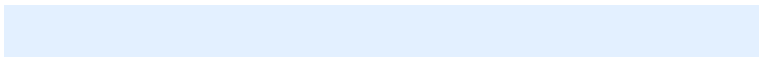
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



230, 250, 214



223, 245, 243



227, 236, 255



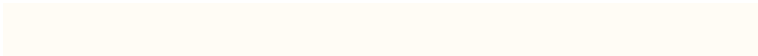
253, 234, 255

Sweetspot

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



230, 250, 214



249, 255, 245



250, 214, 225



124, 128, 121



0, 0, 0



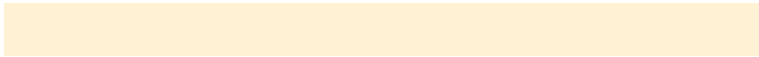
128, 128, 128

Same Dimension

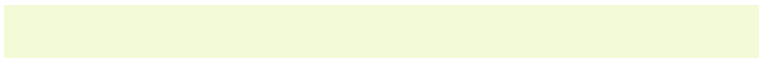
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230, 250, 214



231, 255, 212



214, 250, 221



118, 125, 112



84, 189, 0



28, 61, 0

Inverse Universe

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



214, 222, 250



212, 222, 255



221, 214, 250



112, 115, 125



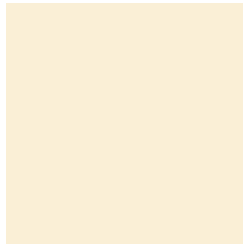
0, 44, 189



0, 14, 61

Previews

White Background



This preview shows how the RYB color 230, 250, 214 looks on a white background.

Color Contrast Check

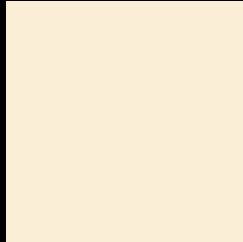
Large Text (above 18pt) WCAG AA × Fail

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 230, 250, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

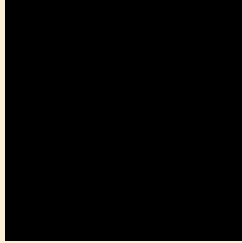
Any Text WCAG AA ✓ Pass

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 230, 250, 214 Background



This preview shows how black text looks on a background with the RYB color 230, 250, 214.

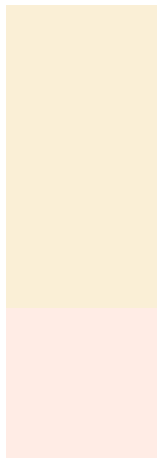


This preview shows how white text looks on a background with the RYB color 230, 250, 214.

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
230, 250, 214

Protanopia
230, 250, 214

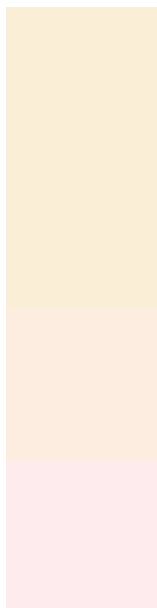
Deuteranopia
255, 239, 229



Tritanopia

255, 233, 252

Trichromacy



Original Color

230, 250, 214

Protanomaly

230, 250, 214

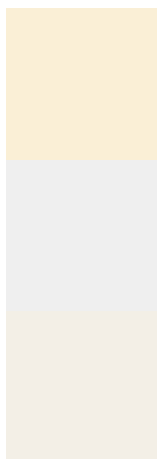
Deuteranomaly

253, 248, 224

Tritanomaly

253, 235, 238

Monochromacy



Original Color

230, 250, 214

Achromatopsia

239, 239, 239

Achromatomaly

236, 243, 230

CSS Examples

Text

The CSS property to change the color of the text to RYB 230, 250, 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(250, 239, 214) looks like.

```
.text, #text, p{  
    color:rgb(250, 239, 214)  
}
```

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(250, 239, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 239, 214) }
```

Border

The CSS property to change the border of an element to RYB 230, 250, 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(250, 239, 214) }
```

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

```
.border{ border-color:rgb(250, 239, 214) }
```

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

Here you see how a box with a 4 pixel rgb(250, 239, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 239, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 239, 214);  
box-shadow:4px 4px 4px 4px rgb(250, 239,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 230, 239, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 239, 214) }
```

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

```
.background{ background-color: rgb(230,  
239, 214) }
```

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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