

Converting Colors

`RYB(224, 250, 214)`

Have a look what the booklet for
RYB(224, 250, 214) contains.

RYB(224, 250, 214)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RYB(224, 250, 214)

Conversions

Conversions Part 1

Format	Color
Hex	FAF2D6
RGB	250, 242, 214
RGB Percent	98%, 95%, 84%
CMY	0.0196, 0.0503, 0.1608
CMYK	0.00, 0.03, 0.14, 0.02
HSL	47°, 78%, 91%
HSV	47°, 14%, 98%
XYZ	83.3659, 88.7869, 76.3621
YIQ	241.2000, 13.7560, -7.0120

Conversions

Conversions Part 2

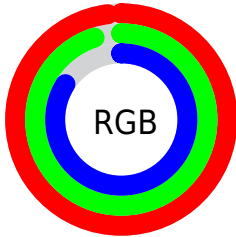
Format	Color
RYB	224, 250, 214
Decimal	16446166
CIELab	95.49, -1.95, 14.53
CIElCh	95, 14.664, 97.644
Yxy	88.7869, 0.3355, 0.3573
Android (android.graphics.Color)	4294636246 (0xFFFAF2D6)
YUV	241.2000, -13.4096, 7.7176
Hunter-Lab	94.2268, -6.9714, 17.9097

Details

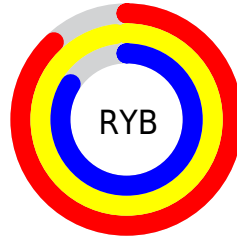
The RYB color **224, 250, 214** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **214, 221, 250**, and the grayscale version is **241, 241, 241**.

A 20% lighter version of the original color is **255, 255, 255**, and **168, 193, 159** is the 20% darker color. If you saturate the color by 10%, you get **206, 250, 189**, and if you desaturate by 10%, it is **241, 250, 239**.

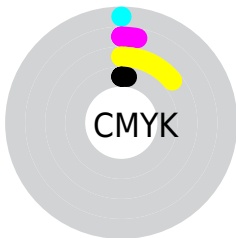
Distribution



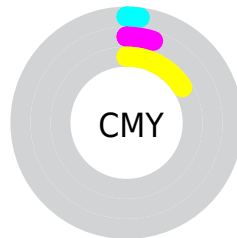
- Red (98%)
- Green (95%)
- Blue (84%)



- Red (88%)
- Yellow (98%)
- Blue (84%)



- Cyan (0%)
- Magenta (3%)
- Yellow (14%)
- Black (2%)



- Cyan (2%)
- Magenta (5%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 224, 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 224, 250, 214 by changing the saturation by 10% instead.

■ 224, 250, 214

255, 255, 255

■ 224, 250, 214

■ 195, 221, 186

■ 168, 193, 159

■ 142, 166, 133

■ 117, 140, 108

■ 90, 114, 83

■ 66, 89, 60

■ 43, 65, 38

■ 23, 43, 18

■ 5, 22, 0

224, 250, 214

224, 250, 214

206, 250, 189

241, 250, 239

188, 250, 164

250, 252, 255

170, 250, 139

250, 253, 255

152, 250, 114

134, 250, 89

115, 250, 64

98, 250, 39

79, 250, 14

69, 250, 0

Harmonies

Analogous

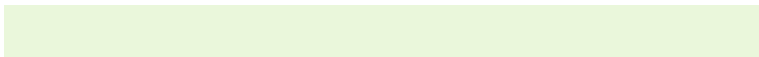
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



246, 255, 216



224, 250, 214



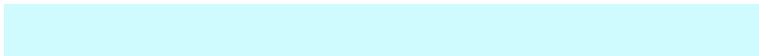
219, 247, 232

Triad

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



224, 250, 214



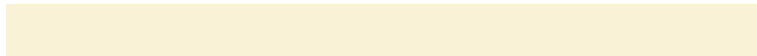
207, 230, 255



255, 234, 253

Complementary

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



224, 250, 214



214, 221, 250

Split Complementary

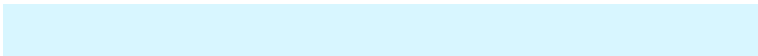
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



249, 237, 255



224, 250, 214



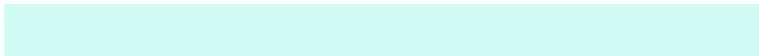
216, 233, 255

Square

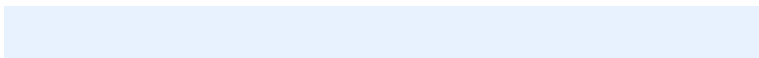
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



224, 250, 214



208, 231, 251



232, 239, 255



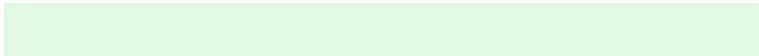
255, 232, 239

Rectangle

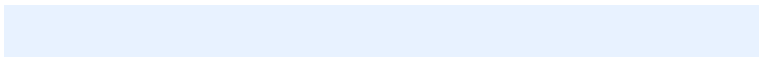
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



224, 250, 214



223, 246, 249



232, 239, 255



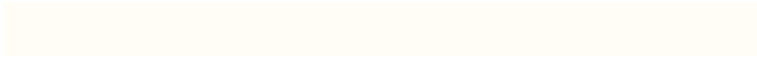
255, 235, 255

Sweetspot

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



224, 250, 214



248, 255, 245



250, 214, 222



124, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



224, 250, 214



223, 255, 212



214, 250, 224



116, 125, 112



52, 189, 0



17, 61, 0

Inverse Universe

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



214, 221, 250



212, 219, 255



224, 214, 250



112, 114, 125



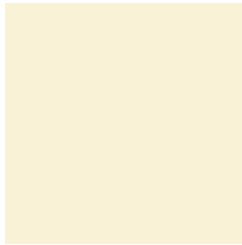
0, 34, 189



0, 11, 61

Previews

White Background



This preview shows how the RYB color 224, 250, 214 looks on a white background.

Color Contrast Check

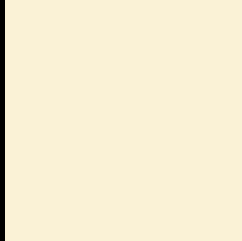
Large Text (above 18pt) WCAG AA × Fail

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 224, 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 224, 250, 214 Background



This preview shows how black text looks on a background with the RYB color 224, 250, 214.

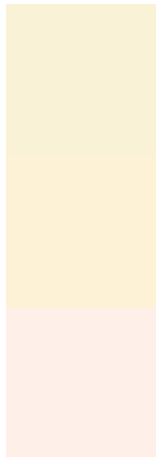


This preview shows how white text looks on a background with the RYB color 224, 250, 214.

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
224, 250, 214

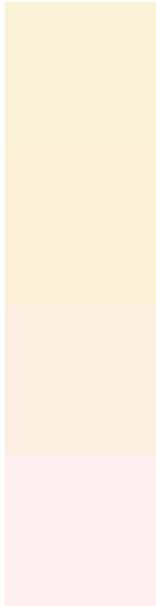
Protanopia
231, 253, 214

Deuteranopia
255, 241, 233



Tritanopia
255, 237, 254

Trichromacy



Original Color

224, 250, 214

Protanomaly

229, 252, 214

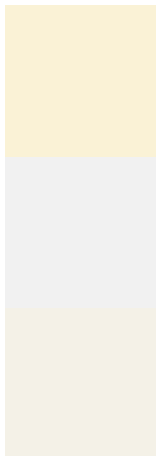
Deuteranomaly

251, 253, 226

Tritanomaly

253, 239, 239

Monochromacy



Original Color

224, 250, 214

Achromatopsia

241, 241, 241

Achromatomaly

235, 244, 231

CSS Examples

Text

The CSS property to change the color of the text to RYB 224, 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, 242, 214) looks like.

```
.text, #text, p{  
    color:rgb(250, 242, 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, 242, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 242, 214) }
```

Border

The CSS property to change the border of an element to RYB 224, 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, 242, 214) }
```

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

```
.border{ border-color:rgb(250, 242, 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, 242, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 242, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 242, 214);  
box-shadow:4px 4px 4px 4px rgb(250, 242,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 224, 250, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 242, 214) }
```

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

```
.background{ background-color: rgb(250,  
242, 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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