

Converting Colors

`RYB(225, 245, 214)`

Have a look what the booklet for
RYB(225, 245, 214) contains.

RYB(225, 245, 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(225, 245, 214)

Conversions

Conversions Part 1

Format	Color
Hex	F5EDD6
RGB	245, 237, 214
RGB Percent	96%, 93%, 84%
CMY	0.0392, 0.0711, 0.1608
CMYK	0.00, 0.03, 0.13, 0.04
HSL	44°, 61%, 90%
HSV	44°, 13%, 96%
XYZ	80.0435, 84.7670, 75.7612
YIQ	236.7700, 12.1510, -5.4570

Conversions

Conversions Part 2

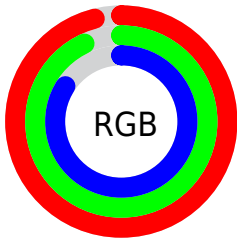
Format	Color
R _Y B	225, 245, 214
Decimal	16117206
CIE Lab	93.78, -1.03, 12.06
CIE LCh	94, 12.099, 94.883
Yxy	84.7670, 0.3327, 0.3524
Android (android.graphics.Color)	4294307286 (0xFFF5EDD6)
YUV	236.7700, -11.2256, 7.2177
Hunter-Lab	92.0690, -5.9353, 15.6600

Details

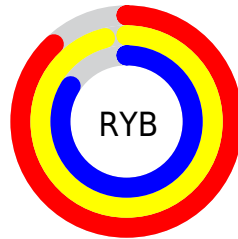
The RYB color **225, 245, 214** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **214, 220, 245**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is 255, 255, 255, and **170, 189, 159** is the 20% darker color. If you saturate the color by 10%, you get **211, 245, 190**, and if you desaturate by 10%, it is **242, 245, 239**.

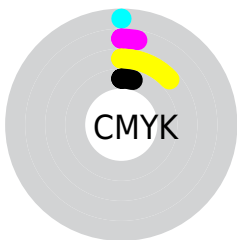
Distribution



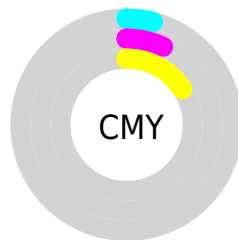
- Red (96%)
- Green (93%)
- Blue (84%)



- Red (88%)
- Yellow (96%)
- Blue (84%)



- Cyan (0%)
- Magenta (3%)
- Yellow (13%)
- Black (4%)



- Cyan (4%)
- Magenta (7%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 225, 245, 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 225, 245, 214 by changing the saturation by 10% instead.


 225, 245, 214

255, 255, 255


 225, 245, 214

 195, 216, 186

 170, 189, 159

 144, 162, 133


 117, 135, 108

 94, 110, 84

 68, 85, 60


 47, 62, 39

 24, 40, 18

 4, 17, 0

 225, 245, 214

 225, 245, 214

 211, 245, 190

 242, 245, 239


 193, 245, 165


 245, 248, 255


 177, 245, 141

 245, 250, 255

 162, 245, 116

 146, 245, 92

 131, 245, 67

 114, 245, 42

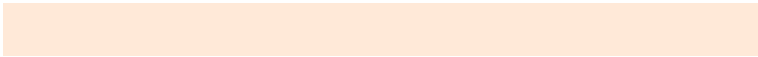
 98, 245, 18

 87, 245, 0

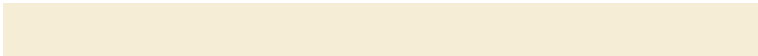
Harmonies

Analogous

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



255, 246, 216



225, 245, 214



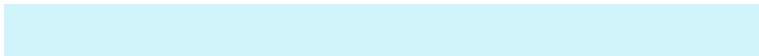
218, 241, 227

Triad

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



225, 245, 214



209, 228, 250



254, 231, 247

Complementary

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



225, 245, 214



214, 220, 245

Split Complementary

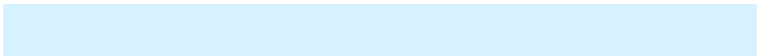
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242, 234, 255



225, 245, 214



215, 231, 255

Square

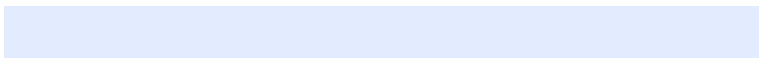
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



225, 245, 214



210, 228, 244



227, 234, 255



255, 229, 236

Rectangle

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



225, 245, 214



223, 242, 242



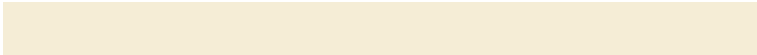
227, 234, 255



251, 231, 251

Sweetspot

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



225, 245, 214



249, 255, 245



245, 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.



225, 245, 214



231, 255, 217



214, 245, 221



114, 122, 110



67, 186, 0



22, 59, 0

Inverse Universe

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



214, 220, 245



217, 225, 255



221, 214, 245



110, 112, 122



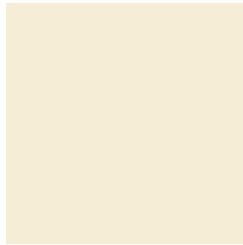
0, 39, 186



0, 12, 59

Previews

White Background



This preview shows how the RYB color 225, 245, 214 looks on a white background.

Color Contrast Check

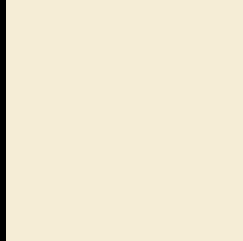
Large Text (above 18pt) WCAG AA × Fail

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 225, 245, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

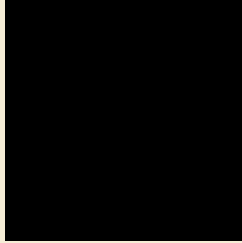
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

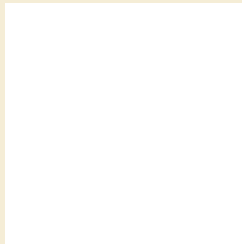
Any Text WCAG AAA ✓ Pass

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

RYB 225, 245, 214 Background



This preview shows how black text looks on a background with the RYB color 225, 245, 214.

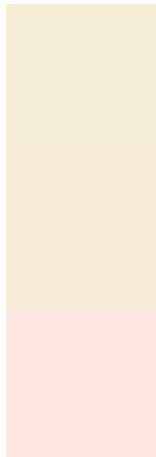


This preview shows how white text looks on a background with the RYB color 225, 245, 214.

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
225, 245, 214

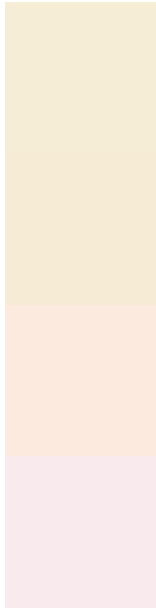
Protanopia
231, 247, 214

Deuteranopia
255, 234, 225



Tritanopia
250, 232, 250

Trichromacy



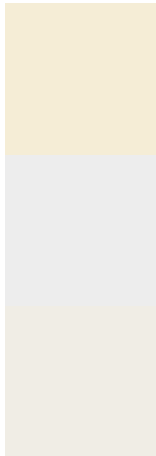
Original Color
225, 245, 214

Protanomaly
229, 246, 214

Deuteranomaly
251, 244, 221

Tritanomaly
248, 234, 237

Monochromacy



Original Color
225, 245, 214

Achromatopsia
237, 237, 237

Achromatomaly
233, 240, 229

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 245, 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(245, 237, 214)` looks like.

```
.text, #text, p{  
    color:rgb(245, 237, 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(245, 237, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 237, 214) }
```

Border

The CSS property to change the border of an element to RYB 225, 245, 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(245, 237, 214) }
```

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

```
.border{ border-color:rgb(245, 237, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 237, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 237, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 237, 214);  
box-shadow:4px 4px 4px 4px rgb(245, 237,  
214) }
```

Background

The CSS property to change the background color of an element to RYB 225, 245, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 237, 214) }
```

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

```
.background{ background-color: rgb(245,  
237, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor