

Converting Colors

`RYB(224, 245, 222)`

Have a look what the booklet for
RYB(224, 245, 222) contains.

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Color

RYB(224, 245, 222)

Conversions

Conversions Part 1

Format	Color
Hex	F5F3DE
RGB	245, 243, 222
RGB Percent	96%, 95%, 87%
CMY	0.0392, 0.0464, 0.1294
CMYK	0.00, 0.01, 0.09, 0.04
HSL	55°, 53%, 92%
HSV	55°, 9%, 96%
XYZ	82.9395, 88.8834, 81.8921
YIQ	241.2040, 7.9330, -6.1070

Conversions

Conversions Part 2

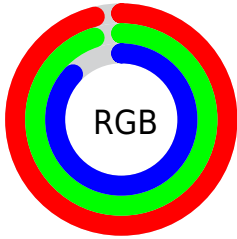
Format	Color
RYB	224, 245, 222
Decimal	16118750
CIELab	95.53, -2.94, 10.41
CIELCh	96, 10.821, 105.775
Yxy	88.8834, 0.3269, 0.3503
Android (android.graphics.Color)	4294308830 (0xFFFF5F3DE)
YUV	241.2040, -9.4676, 3.3291
Hunter-Lab	94.2780, -7.9541, 14.4939

Details

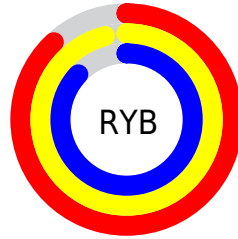
The RYB color **224, 245, 222** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **222, 224, 245**, and the grayscale version is **241, 241, 241**.

A 20% lighter version of the original color is **255, 255, 255**, and **169, 189, 167** is the 20% darker color. If you saturate the color by 10%, you get **202, 245, 198**, and if you desaturate by 10%, it is **245, 245, 247**.

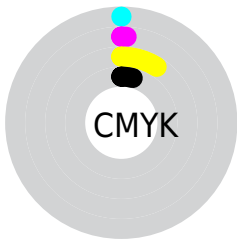
Distribution



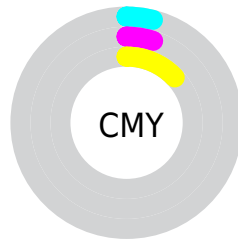
- Red (96%)
- Green (95%)
- Blue (87%)



- Red (88%)
- Yellow (96%)
- Blue (87%)



- Cyan (0%)
- Magenta (1%)
- Yellow (9%)
- Black (4%)



- Cyan (4%)
- Magenta (5%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 224, 245, 222 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, 245, 222 by changing the saturation by 10% instead.

■ 224, 245, 222

255, 255, 255

■ 224, 245, 222

■ 196, 217, 194

■ 169, 189, 167

■ 143, 162, 141

■ 116, 135, 115

■ 91, 110, 90

■ 68, 85, 67

■ 46, 62, 45

■ 24, 40, 24

■ 1, 20, 0

 224, 245, 222

 224, 245, 222

 202, 245, 198

 245, 245, 247

 180, 245, 173

 245, 247, 255

 158, 245, 149

 245, 248, 255

 135, 245, 124

 245, 249, 255

 113, 245, 100


 245, 249, 255

 90, 245, 75

 245, 250, 255

 68, 245, 51

 46, 245, 26

 23, 245, 2

Harmonies

Analogous

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



250, 255, 222



224, 245, 222



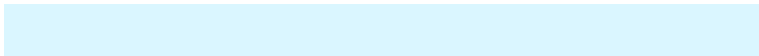
227, 246, 240

Triad

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



224, 245, 222



218, 234, 255



255, 236, 248

Complementary

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



224, 245, 222



222, 224, 245

Split Complementary

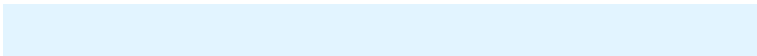
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



251, 238, 255



224, 245, 222



226, 237, 255

Square

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



224, 245, 222



217, 233, 248



238, 241, 255



255, 235, 237

Rectangle

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



224, 245, 222



225, 242, 248



238, 241, 255



255, 236, 251

Sweetspot

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



224, 245, 222



248, 255, 247



245, 222, 224



123, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



224, 245, 222



229, 255, 227



222, 245, 232



111, 122, 110



16, 186, 0



5, 59, 0

Inverse Universe

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



222, 224, 245



227, 229, 255



232, 222, 245



110, 111, 122



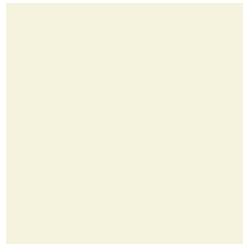
0, 14, 186



0, 5, 59

Previews

White Background



This preview shows how the RYB color 224, 245, 222 looks on a white background.

Color Contrast Check

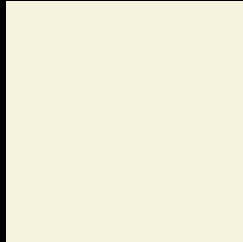
Large Text (above 18pt) WCAG AA × Fail

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, 245, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

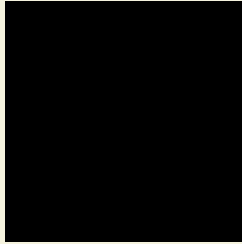
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

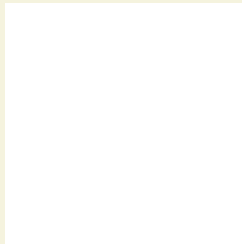
Any Text WCAG AAA ✓ Pass

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

RYB 224, 245, 222 Background



This preview shows how black text looks on a background with the RYB color 224, 245, 222.

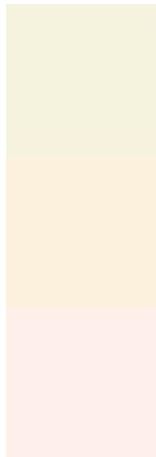


This preview shows how white text looks on a background with the RYB color 224, 245, 222.

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, 245, 222

Protanopia
236, 251, 221

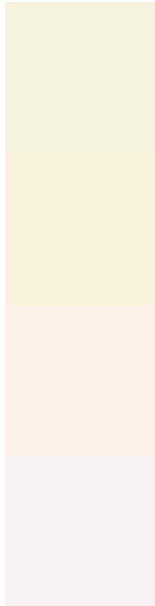
Deuteranopia
255, 240, 235



Tritanopia

249, 239, 255

Trichromacy



Original Color

224, 245, 222

Protanomaly

230, 249, 221

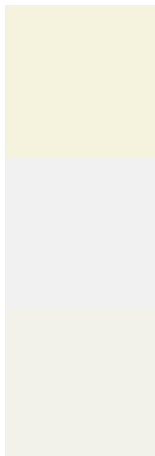
Deuteranomaly

249, 251, 230

Tritanomaly

248, 241, 243

Monochromacy



Original Color

224, 245, 222

Achromatopsia

241, 241, 241

Achromatomaly

234, 242, 234

CSS Examples

Text

The CSS property to change the color of the text to RYB 224, 245, 222 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, 243, 222) looks like.

```
.text, #text, p{  
    color:rgb(245, 243, 222)  
}
```

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, 243, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 243, 222) }
```

Border

The CSS property to change the border of an element to RYB 224, 245, 222 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, 243, 222) }
```

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

```
.border{ border-color:rgb(245, 243, 222) }
```

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

Here you see how a box with a 4 pixel rgb(245, 243, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 243, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 243, 222);  
box-shadow:4px 4px 4px 4px rgb(245, 243,  
222) }
```

Background

The CSS property to change the background color of an element to RYB 224, 245, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 243, 222) }
```

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

```
.background{ background-color: rgb(245,  
243, 222) }
```

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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