

Converting Colors

`RYB(223, 245, 223)`

Have a look what the booklet for
RYB(223, 245, 223) contains.

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Color

R_YB(223, 245, 223)

Conversions

Conversions Part 1

Format	Color
Hex	F5F5DF
RGB	245, 245, 223
RGB Percent	96%, 96%, 87%
CMY	0.0392, 0.0392, 0.1255
CMYK	0.00, 0.00, 0.09, 0.04
HSL	60°, 52%, 92%
HSV	60°, 9%, 96%
XYZ	83.6279, 90.0450, 82.7848
YIQ	242.4920, 7.0620, -6.8420

Conversions

Conversions Part 2

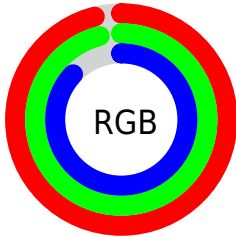
Format	Color
R_{YB}	223, 245, 223
Decimal	16119263
CIE Lab	96.02, -3.71, 10.59
CIE LCh	96, 11.220, 109.303
Yxy	90.0450, 0.3261, 0.3511
Android (android.graphics.Color)	4294309343 (0xFFFF5F5DF)
YUV	242.4920, -9.6096, 2.1995
Hunter-Lab	94.8920, -8.7499, 14.6992

Details

The RYB color **223, 245, 223** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **223, 223, 245**, and the grayscale version is **243, 243, 243**.

A 20% lighter version of the original color is **255, 255, 255**, and **168, 189, 168** is the 20% darker color. If you saturate the color by 10%, you get **199, 245, 199**, and if you desaturate by 10%, it is **245, 245, 247**.

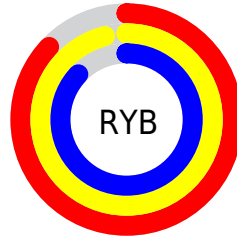
Distribution



Red (96%)

Green (96%)

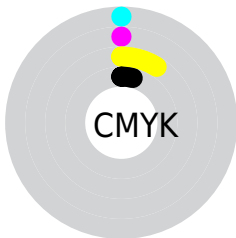
Blue (87%)



Red (87%)

Yellow (96%)

Blue (87%)

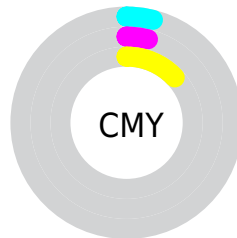


Cyan (0%)

Magenta (0%)

Yellow (9%)

Black (4%)



Cyan (4%)

Magenta (4%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 223, 245, 223 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 223, 245, 223 by changing the saturation by 10% instead.

223, 245, 223

255, 255, 255

223, 245, 223

195, 217, 195

168, 189, 168

141, 162, 141

116, 136, 117

91, 110, 91

68, 86, 68

45, 63, 46

25, 41, 26

1, 21, 0

 223, 245, 223

 223, 245, 223

 199, 245, 199

 245, 245, 247

 174, 245, 174

 245, 245, 255

 150, 245, 150

 125, 245, 125

 100, 245, 100

 76, 245, 76

 51, 245, 51

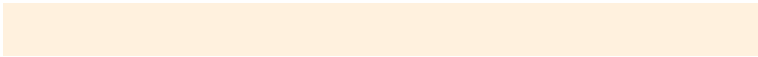
 27, 245, 27

 2, 245, 2

Harmonies

Analogous

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



246, 255, 222



223, 245, 223



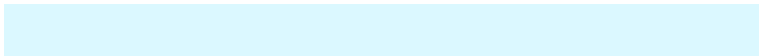
229, 248, 245

Triad

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



223, 245, 223



219, 235, 255



255, 237, 248

Complementary

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



223, 245, 223



223, 223, 245

Split Complementary

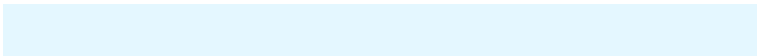
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



254, 239, 255



223, 245, 223



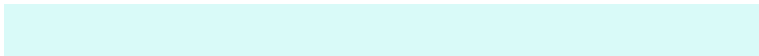
228, 239, 255

Square

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



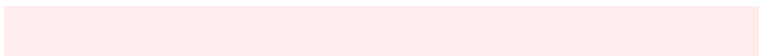
223, 245, 223



217, 234, 250



241, 242, 255



255, 236, 237

Rectangle

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



223, 245, 223



225, 242, 249



241, 242, 255



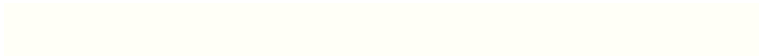
255, 237, 251

Sweetspot

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



223, 245, 223



247, 255, 247



245, 223, 223



122, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



223, 245, 223



227, 255, 227



223, 245, 234



110, 122, 110



0, 186, 0



0, 59, 0

Inverse Universe

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



223, 223, 245



227, 227, 255



234, 223, 245



110, 110, 122



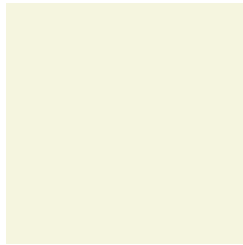
0, 0, 186



0, 0, 59

Previews

White Background



This preview shows how the RYB color 223, 245, 223 looks on a white background.

Color Contrast Check

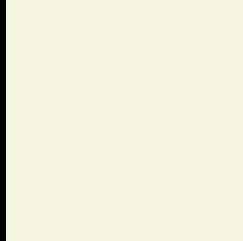
Large Text (above 18pt) WCAG AA × Fail

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 223, 245, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

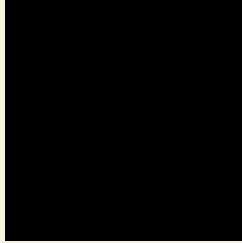
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

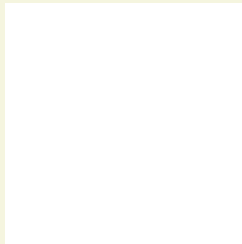
Any Text WCAG AAA ✓ Pass

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

RYB 223, 245, 223 Background



This preview shows how black text looks on a background with the RYB color 223, 245, 223.

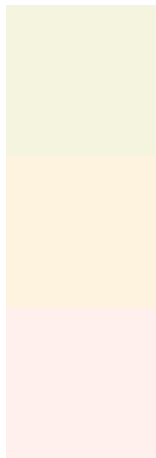


This preview shows how white text looks on a background with the RYB color 223, 245, 223.

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
[223, 245, 223](#)

Protanopia
[237, 253, 222](#)

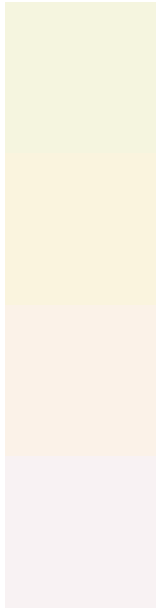
Deuteranopia
[255, 241, 237](#)



Tritanopia

249, 241, 255

Trichromacy



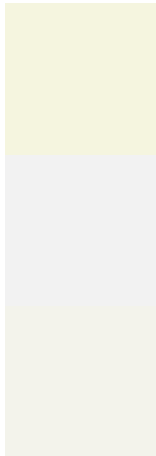
Original Color
223, 245, 223

Protanomaly
230, 250, 222

Deuteranomaly
249, 251, 232

Tritanomaly
248, 242, 243

Monochromacy



Original Color
223, 245, 223

Achromatopsia
242, 242, 242

Achromatomaly
235, 243, 235

CSS Examples

Text

The CSS property to change the color of the text to RYB 223, 245, 223 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, 245, 223) looks like.

```
.text, #text, p{  
    color:rgb(245, 245, 223)  
}
```

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, 245, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 245, 223) }
```

Border

The CSS property to change the border of an element to RYB 223, 245, 223 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, 245, 223) }
```

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

```
.border{ border-color:rgb(245, 245, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 245, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 245, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 245, 223);  
box-shadow:4px 4px 4px 4px rgb(245, 245,  
223) }
```

Background

The CSS property to change the background color of an element to RGB 223, 245, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 245, 223) }
```

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

```
.background{ background-color: rgb(245,  
245, 223) }
```

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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