

Converting Colors

`RYB(235, 245, 226)`

Have a look what the booklet for
RYB(235, 245, 226) contains.

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Color

R_YB(235, 245, 226)

Conversions

Conversions Part 1

Format	Color
Hex	F5EFE2
RGB	245, 239, 226
RGB Percent	96%, 94%, 89%
CMY	0.0392, 0.0632, 0.1137
CMYK	0.00, 0.02, 0.08, 0.04
HSL	41°, 49%, 92%
HSV	41°, 8%, 96%
XYZ	82.2188, 86.5737, 84.3285
YIQ	239.3120, 7.7490, -2.7710

Conversions

Conversions Part 2

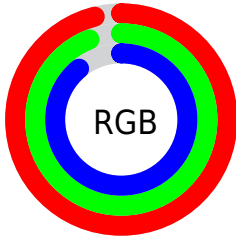
Format	Color
R_{YB}	235, 245, 226
Decimal	16117730
CIE _{Lab}	94.56, -0.13, 6.95
CIE _{LCh}	95, 6.948, 91.066
Yxy	86.5737, 0.3248, 0.3420
Android (android.graphics.Color)	4294307810 (0xFF5EFE2)
YUV	239.3120, -6.5628, 4.9884
Hunter-Lab	93.0450, -5.0981, 11.3958

Details

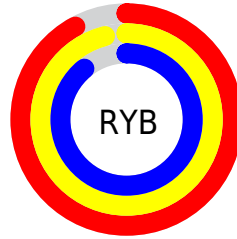
The RYB color **235, 245, 226** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **226, 231, 245**, and the grayscale version is **239, 239, 239**.

A 20% lighter version of the original color is **255, 255, 255**, and **180, 189, 171** is the 20% darker color. If you saturate the color by 10%, you get **223, 245, 202**, and if you desaturate by 10%, it is **245, 246, 250**.

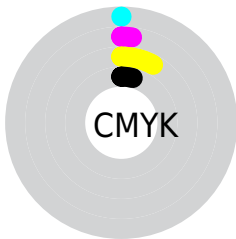
Distribution



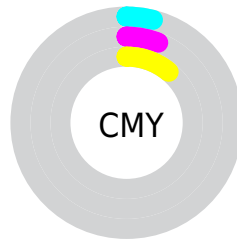
- Red (96%)
- Green (94%)
- Blue (89%)



- Red (92%)
- Yellow (96%)
- Blue (89%)



- Cyan (0%)
- Magenta (2%)
- Yellow (8%)
- Black (4%)



- Cyan (4%)
- Magenta (6%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 235, 245, 226 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 235, 245, 226 by changing the saturation by 10% instead.

■ 235, 245, 226

255, 255, 255

■ 235, 245, 226

■ 207, 217, 198

■ 180, 189, 171

■ 153, 162, 144

■ 126, 135, 119

■ 101, 110, 94

■ 77, 86, 70

■ 54, 62, 48

■ 33, 40, 27

■ 8, 21, 0

 235, 245, 226

 235, 245, 226

 223, 245, 202

 245, 246, 250

 210, 245, 177


 245, 250, 255

 198, 245, 153


 184, 245, 128

 169, 245, 103

 157, 245, 79

 144, 245, 54

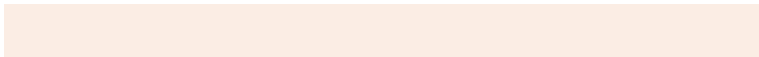
 132, 245, 30

 118, 245, 5

Harmonies

Analogous

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



251, 243, 228



235, 245, 226



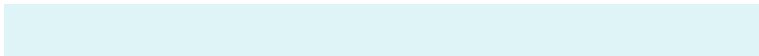
228, 241, 232

Triad

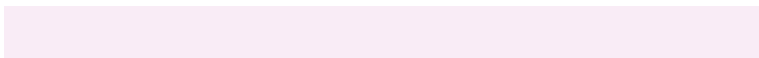
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235, 245, 226



223, 234, 246



249, 236, 246

Complementary

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



235, 245, 226



226, 231, 245

Split Complementary

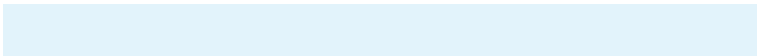
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241, 238, 251



235, 245, 226



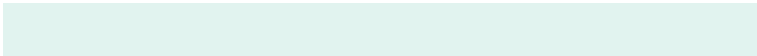
226, 236, 251

Square

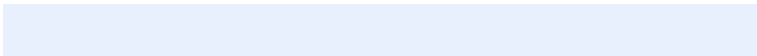
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



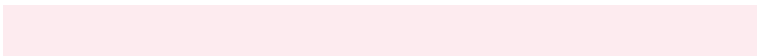
235, 245, 226



225, 235, 243



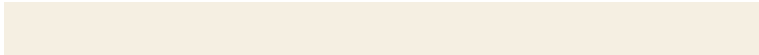
233, 238, 253



253, 235, 239

Rectangle

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



235, 245, 226



231, 242, 241



233, 238, 253



246, 236, 248

Sweetspot

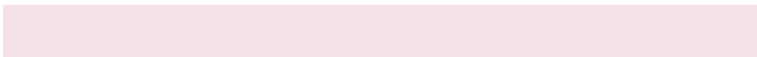
The Sweet Spot groups the original color and five complimentary colors.



235, 245, 226



253, 255, 250



245, 226, 232



127, 128, 125



0, 0, 0



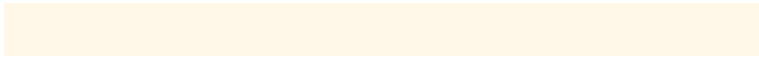
128, 128, 128

Same Dimension

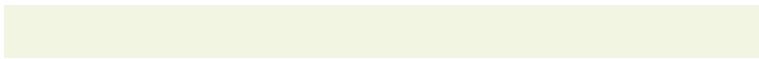
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235, 245, 226



242, 255, 232



226, 245, 229



116, 122, 110



89, 186, 0



28, 59, 0

Inverse Universe

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



226, 231, 245



232, 237, 255



229, 226, 245



110, 113, 122



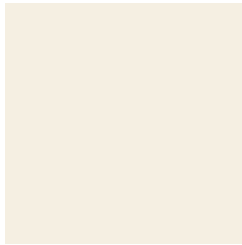
0, 45, 186



0, 14, 59

Previews

White Background



This preview shows how the RYB color 235, 245, 226 looks on a white background.

Color Contrast Check

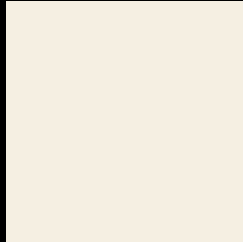
Large Text (above 18pt) WCAG AA × Fail

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 235, 245, 226 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

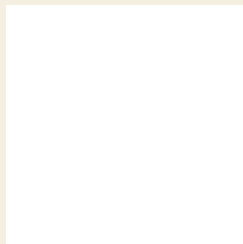
Any Text WCAG AAA ✓ Pass

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

RYB 235, 245, 226 Background



This preview shows how black text looks on a background with the RYB color 235, 245, 226.

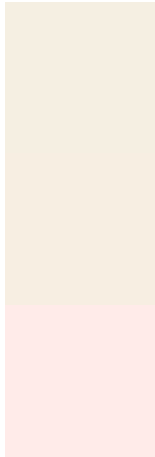


This preview shows how white text looks on a background with the RYB color 235, 245, 226.

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
235, 245, 226

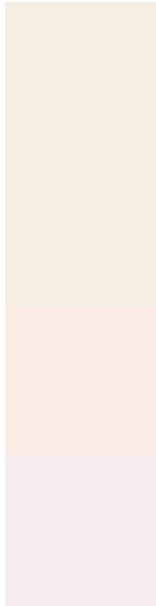
Protanopia
242, 247, 226

Deuteranopia
255, 235, 233



Tritanopia
249, 235, 253

Trichromacy



Original Color

235, 245, 226

Protanomaly

239, 246, 226

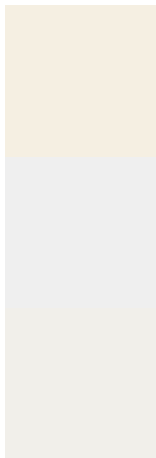
Deuteranomaly

251, 238, 230

Tritanomaly

248, 236, 243

Monochromacy



Original Color

235, 245, 226

Achromatopsia

239, 239, 239

Achromatomaly

237, 241, 234

CSS Examples

Text

The CSS property to change the color of the text to RYB 235, 245, 226 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, 239, 226) looks like.

```
.text, #text, p{  
    color:rgb(245, 239, 226)  
}
```

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, 239, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 239, 226) }
```

Border

The CSS property to change the border of an element to RYB 235, 245, 226 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, 239, 226) }
```

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

```
.border{ border-color:rgb(245, 239, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 239, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 239, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 239, 226);  
box-shadow:4px 4px 4px 4px rgb(245, 239,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 235, 245, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 239, 226) }
```

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

```
.background{ background-color: rgb(245,  
239, 226) }
```

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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