

Converting Colors

`RYB(232, 255, 241)`

Have a look what the booklet for
RYB(232, 255, 241) contains.

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Color

R_YB(232, 255, 241)

Conversions

Conversions Part 1

Format	Color
Hex	F6FFE8
RGB	246, 255, 232
RGB Percent	96%, 100%, 91%
CMY	0.0353, 0.0000, 0.0902
CMYK	0.04, 0.00, 0.09, 0.00
HSL	83°, 100%, 95%
HSV	83°, 9%, 100%
XYZ	88.3315, 96.9390, 90.3995
YIQ	249.6870, 2.0190, -9.0610

Conversions

Conversions Part 2

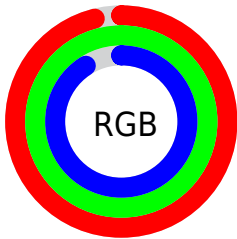
Format	Color
R_{YB}	232, 255, 241
Decimal	16187368
CIE _{Lab}	98.80, -6.91, 9.96
CIE _{LCh}	99, 12.125, 124.741
Yxy	96.9390, 0.3204, 0.3516
Android (android.graphics.Color)	4294377448 (0xFFFF6FFE8)
YUV	249.6870, -8.7197, -3.2335
Hunter-Lab	98.4576, -12.1591, 14.4829

Details

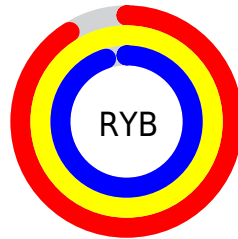
The RYB color **232, 255, 241** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **241, 232, 255**, and the grayscale version is **250, 250, 250**.

A 20% lighter version of the original color is **255, 255, 255**, and **176, 198, 184** is the 20% darker color. If you saturate the color by 10%, you get **207, 255, 226**, and if you desaturate by 10%, it is **255, 255, 255**.

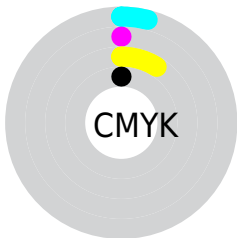
Distribution



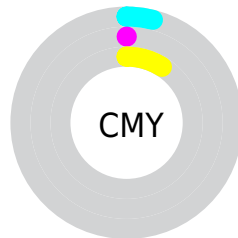
- Red (96%)
- Green (100%)
- Blue (91%)



- Red (91%)
- Yellow (100%)
- Blue (95%)



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



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

Brightness & Saturation Gradients

These gradients show how the RYB color 232, 255, 241 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 232, 255, 241 by changing the saturation by 10% instead.


 232, 255, 241

 232, 255, 241


255, 255, 255

 204, 226, 212

 176, 198, 184


 150, 171, 158

 124, 145, 133

 99, 119, 107

 75, 94, 83

 52, 71, 60

 31, 48, 38

 8, 27, 14

232, 255, 241

232, 255, 241

207, 255, 226

255, 255, 255

181, 255, 210

155, 255, 194

130, 255, 179

105, 255, 164

79, 255, 148

54, 255, 133

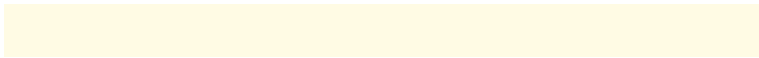
28, 255, 117

3, 255, 102

Harmonies

Analogous

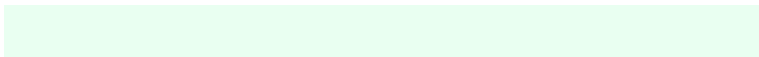
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233, 255, 228



232, 255, 241



233, 249, 255

Triad

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



232, 255, 241



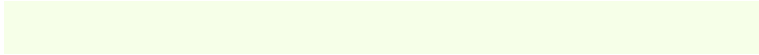
229, 242, 255



255, 244, 250

Complementary

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



232, 255, 241



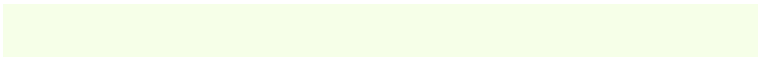
241, 232, 255

Split Complementary

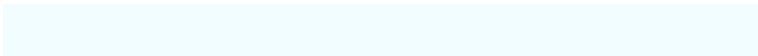
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 245, 255



232, 255, 241



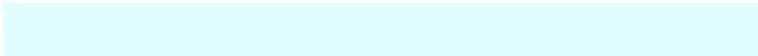
242, 248, 255

Square

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



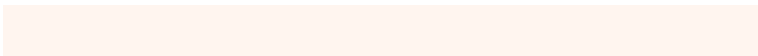
232, 255, 241



223, 239, 255



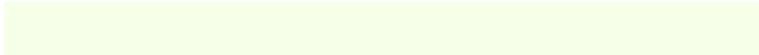
255, 248, 255



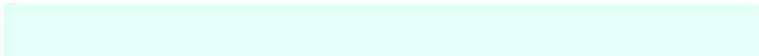
255, 249, 239

Rectangle

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



232, 255, 241



227, 243, 255



255, 248, 255



255, 244, 254

Sweetspot

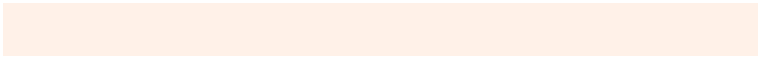
The Sweet Spot groups the original color and five complimentary colors.



232, 255, 241



247, 255, 250



255, 247, 232



122, 128, 124



0, 0, 0



128, 128, 128

Same Dimension

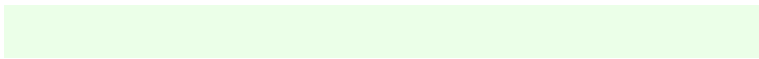
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232, 255, 241



227, 255, 238



232, 255, 252



115, 128, 120



0, 191, 75



0, 64, 25

Inverse Universe

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



241, 232, 255



238, 227, 255



252, 232, 255



120, 115, 128



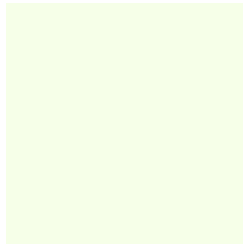
75, 0, 191



25, 0, 64

Previews

White Background



This preview shows how the RYB color 232, 255, 241 looks on a white background.

Color Contrast Check

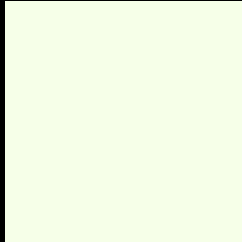
Large Text (above 18pt) WCAG AA × Fail

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 232, 255, 241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

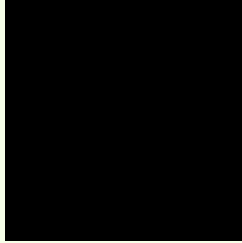
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

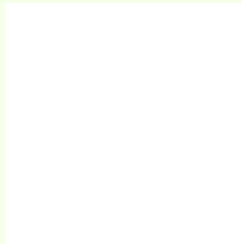
Any Text WCAG AAA ✓ Pass

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

RYB 232, 255, 241 Background



This preview shows how black text looks on a background with the RYB color 232, 255, 241.

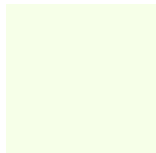


This preview shows how white text looks on a background with the RYB color 232, 255, 241.

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
232, 255, 241



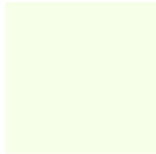
Protanopia
250, 255, 244

Deuteranopia
255, 251, 250

Tritanopia

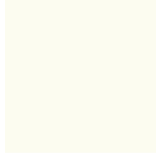
251, 251, 255

Trichromacy



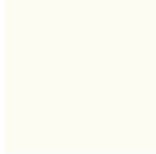
Original Color

232, 255, 241



Protanomaly

240, 252, 240



Deuteranomaly

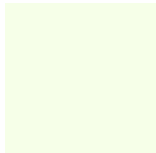
243, 252, 243



Tritanomaly

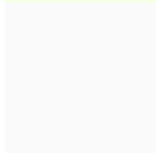
247, 252, 250

Monochromacy



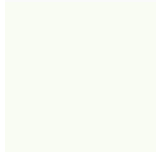
Original Color

232, 255, 241



Achromatopsia

250, 250, 250



Achromatomaly

243, 252, 246

CSS Examples

Text

The CSS property to change the color of the text to RYB 232, 255, 241 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(246, 255, 232) looks like.

```
.text, #text, p{  
    color:rgb(246, 255, 232)  
}
```

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(246, 255, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 255, 232) }
```

Border

The CSS property to change the border of an element to RYB 232, 255, 241 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(246, 255, 232) }
```

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

```
.border{ border-color:rgb(246, 255, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 255, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 255, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 255, 232);  
box-shadow:4px 4px 4px 4px rgb(246, 255,  
232) }
```

Background

The CSS property to change the background color of an element to RYB 232, 255, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 255, 232) }
```

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

```
.background{ background-color: rgb(246,  
255, 232) }
```

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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