

Converting Colors

`RYB(245, 255, 255)`

Have a look what the booklet for
RYB(245, 255, 255) contains.

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Color

R_YB(245, 255, 255)

Conversions

Conversions Part 1

Format	Color
Hex	F5FFF5
RGB	245, 255, 245
RGB Percent	96%, 100%, 96%
CMY	0.0392, 0.0000, 0.0392
CMYK	0.04, 0.00, 0.04, 0.00
HSL	120°, 100%, 98%
HSV	120°, 4%, 100%
XYZ	89.8976, 97.5250, 100.4723
YIQ	250.8700, -2.7500, -5.2300

Conversions

Conversions Part 2

Format	Color
R_{YB}	245, 255, 255
Decimal	16121845
CIE Lab	99.04, -5.04, 3.62
CIE LCh	99, 6.207, 144.269
Yxy	97.5250, 0.3123, 0.3388
Android (android.graphics.Color)	4294311925 (0xFFFF5FFF5)
YUV	250.8700, -2.8939, -5.1480
Hunter-Lab	98.7548, -10.3302, 8.8072

Details

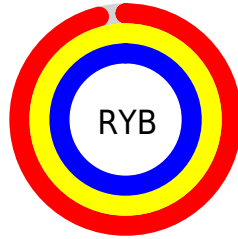
The RYB color 245, 255, 255 is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be 255, 245, 255, and the grayscale version is 251, 251, 251.

A 20% lighter version of the original color is 255, 255, 255, and 189, 198, 198 is the 20% darker color. If you saturate the color by 10%, you get 220, 255, 255, and if you desaturate by 10%, it is 255, 255, 255.

Distribution



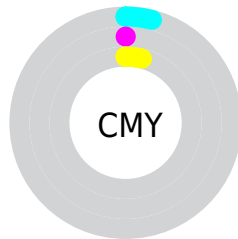
- Red (96%)
- Green (100%)
- Blue (96%)



- Red (96%)
- Yellow (100%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the RYB color 245, 255, 255 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 245, 255, 255 by changing the saturation by 10% instead.

 245, 255, 255


255, 255, 255

 245, 255, 255

 217, 226, 226


 189, 198, 198


 162, 171, 171

 136, 145, 145

 110, 119, 119

 86, 94, 94

 63, 71, 71

 41, 48, 48

 20, 27, 27

 245, 255, 255

 245, 255, 255

 220, 255, 255

255, 255, 255

 194, 255, 255

 169, 255, 255

 143, 255, 255

 118, 255, 255

 92, 255, 255

 66, 255, 255

 41, 255, 255

 16, 255, 255

Harmonies

Analogous

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



241, 253, 242



245, 255, 255



240, 249, 255

Triad

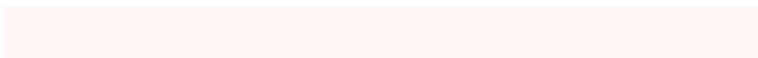
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



245, 255, 255



245, 249, 255



255, 248, 247

Complementary

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



245, 255, 255



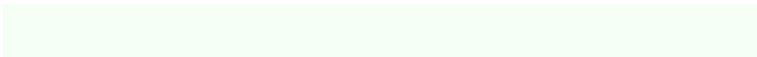
255, 245, 255

Split Complementary

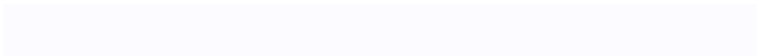
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 248, 254



245, 255, 255



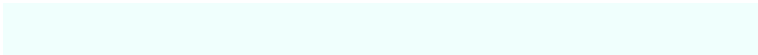
252, 251, 255

Square

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



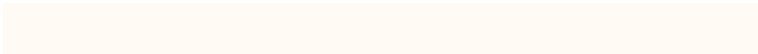
245, 255, 255



240, 248, 255



255, 249, 255



252, 255, 243

Rectangle

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



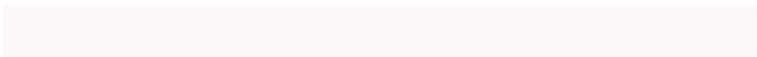
245, 255, 255



238, 247, 255



255, 249, 255



255, 248, 249

Sweetspot

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



245, 255, 255



252, 255, 255



245, 255, 245



126, 128, 128



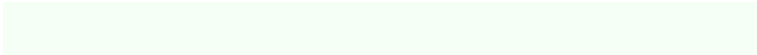
0, 0, 0



128, 128, 128

Same Dimension

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



245, 255, 255



242, 255, 255



245, 252, 255



120, 128, 128



0, 191, 191



0, 64, 64

Inverse Universe

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



255, 245, 255



255, 242, 255



255, 245, 250



128, 120, 128



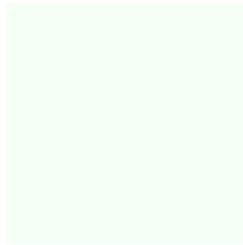
191, 0, 191



64, 0, 64

Previews

White Background



This preview shows how the RYB color 245, 255, 255 looks on a white background.

Color Contrast Check

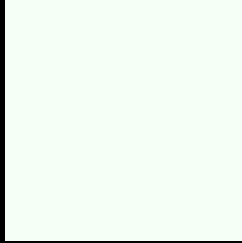
Large Text (above 18pt) WCAG AA × Fail

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 245, 255, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

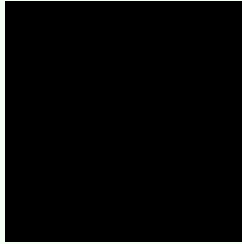
Any Text WCAG AA ✓ Pass

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 245, 255, 255 Background



This preview shows how black text looks on a background with the RYB color 245, 255, 255.

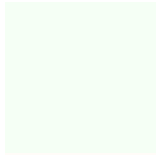


This preview shows how white text looks on a background with the RYB color 245, 255, 255.

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
245, 255, 255



Protanopia
253, 255, 248

Deuteranopia
255, 251, 252

Tritanopia

252, 252, 255

Trichromacy



Original Color

245, 255, 255

Protanomaly

247, 253, 249

Deuteranomaly

249, 252, 250

Tritanomaly

249, 252, 253

Monochromacy



Original Color

245, 255, 255

Achromatopsia

251, 251, 251

Achromatomaly

249, 252, 252

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 255, 255 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, 255, 245)` looks like.

```
.text, #text, p{  
    color:rgb(245, 255, 245)  
}
```

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, 255, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 255, 245) }
```

Border

The CSS property to change the border of an element to RYB 245, 255, 255 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, 255, 245) }
```

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

```
.border{ border-color:rgb(245, 255, 245) }
```

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

Here you see how a box with a 4 pixel rgb(245, 255, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 255, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 255, 245);  
box-shadow:4px 4px 4px 4px rgb(245, 255,  
245) }
```

Background

The CSS property to change the background color of an element to RYB 245, 255, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 255, 245) }
```

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

```
.background{ background-color: rgb(245,  
255, 245) }
```

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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