

Converting Colors

`RYB(247, 255, 253)`

Have a look what the booklet for RYB(247, 255, 253) contains.

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Color

R_YB(247, 255, 253)

Conversions

Conversions Part 1

Format	Color
Hex	F9FFF7
RGB	249, 255, 247
RGB Percent	98%, 100%, 97%
CMY	0.0235, 0.0000, 0.0314
CMYK	0.02, 0.00, 0.03, 0.00
HSL	105°, 100%, 98%
HSV	105°, 3%, 100%
XYZ	91.6154, 98.3751, 102.1553
YIQ	252.2940, -1.0080, -3.7600

Conversions

Conversions Part 2

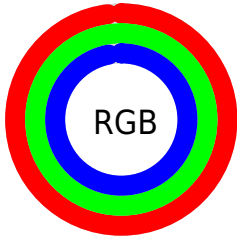
Format	Color
R _Y B	247, 255, 253
Decimal	16383991
CIE Lab	99.37, -3.37, 3.12
CIE LCh	99, 4.590, 137.211
Yxy	98.3751, 0.3136, 0.3367
Android (android.graphics.Color)	4294574071 (0xFF99FF7)
YUV	252.2940, -2.6099, -2.8888
Hunter-Lab	99.1842, -8.6939, 8.3629

Details

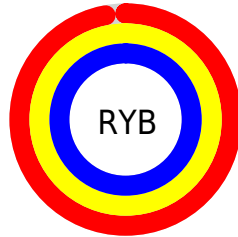
The RYB color 247, 255, 253 is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be 253, 247, 255, and the grayscale version is 252, 252, 252.

A 20% lighter version of the original color is 255, 255, 255, and 191, 198, 196 is the 20% darker color. If you saturate the color by 10%, you get 222, 255, 247, and if you desaturate by 10%, it is 255, 255, 255.

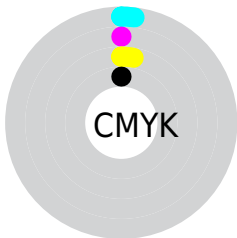
Distribution



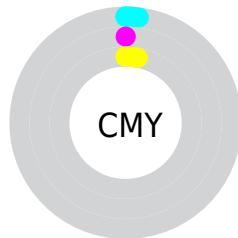
- Red (98%)
- Green (100%)
- Blue (97%)



- Red (97%)
- Yellow (100%)
- Blue (99%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 247, 255, 253 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 247, 255, 253 by changing the saturation by 10% instead.

 247, 255, 253

255, 255, 255

 247, 255, 253

 219, 226, 225

 191, 198, 196

 164, 171, 170

 137, 145, 143

 112, 119, 117

 88, 94, 93

 64, 71, 69

 42, 48, 46

 22, 27, 26

247, 255, 253

247, 255, 253

222, 255, 247

255, 255, 255

196, 255, 240

171, 255, 234

145, 255, 228

120, 255, 222

94, 255, 215

68, 255, 208

43, 255, 202

17, 255, 195

Harmonies

Analogous

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



245, 254, 245



247, 255, 253



245, 251, 255

Triad

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



247, 255, 253



247, 251, 255



255, 250, 251

Complementary

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



247, 255, 253



253, 247, 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, 250, 255



247, 255, 253



252, 253, 255

Square

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



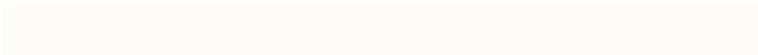
247, 255, 253



243, 249, 255



255, 251, 255



255, 255, 247

Rectangle

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



247, 255, 253



243, 249, 255



255, 251, 255



255, 250, 252

Sweetspot

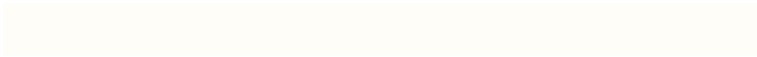
The Sweet Spot groups the original color and five complimentary colors.



247, 255, 253



252, 255, 254



250, 255, 247



126, 128, 127



0, 0, 0



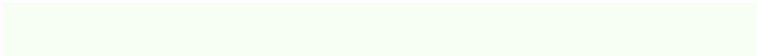
128, 128, 128

Same Dimension

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



247, 255, 253



245, 255, 253



247, 253, 255



121, 128, 126



0, 191, 143



0, 64, 48

Inverse Universe

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



253, 247, 255



252, 245, 255



255, 247, 253



126, 121, 128



143, 0, 191



48, 0, 64

Previews

White Background



This preview shows how the RYB color 247, 255, 253 looks on a white background.

Color Contrast Check

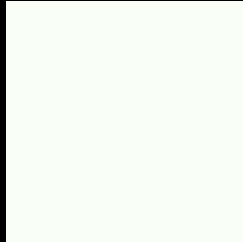
Large Text (above 18pt) WCAG AA × Fail

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 247, 255, 253 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 247, 255, 253 Background



This preview shows how black text looks on a background with the RYB color 247, 255, 253.



This preview shows how white text looks on a background with the RYB color 247, 255, 253.

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
247, 255, 253



Protanopia
255, 255, 251



Deuteranopia
255, 253, 253

Tritanopia

253, 253, 255

Trichromacy



Original Color

247, 255, 253

Protanomaly

250, 254, 251

Deuteranomaly

251, 254, 252

Tritanomaly

252, 254, 254

Monochromacy



Original Color

247, 255, 253



Achromatopsia

252, 252, 252

Achromatomaly

250, 253, 252

CSS Examples

Text

The CSS property to change the color of the text to RYB 247, 255, 253 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(249, 255, 247) looks like.

```
.text, #text, p{  
    color:rgb(249, 255, 247)  
}
```

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(249, 255, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 255, 247) }
```

Border

The CSS property to change the border of an element to RYB 247, 255, 253 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(249, 255, 247) }
```

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

```
.border{ border-color:rgb(249, 255, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 255, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 255, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 255, 247);  
box-shadow:4px 4px 4px 4px rgb(249, 255,  
247) }
```

Background

The CSS property to change the background color of an element to RYB 247, 255, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 255, 247) }
```

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

```
.background{ background-color: rgb(249,  
255, 247) }
```

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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