

Converting Colors

`RYB(251, 254, 253)`

Have a look what the booklet for
RYB(251, 254, 253) contains.

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Color

R_YB(251, 254, 253)

Conversions

Conversions Part 1

Format	Color
Hex	FCFEFB
RGB	252, 254, 251
RGB Percent	99%, 100%, 98%
CMY	0.0118, 0.0039, 0.0157
CMYK	0.01, 0.00, 0.01, 0.00
HSL	100°, 60%, 99%
HSV	100°, 1%, 100%
XYZ	92.9993, 98.5441, 105.3861
YIQ	253.0600, -0.2290, -1.3570

Conversions

Conversions Part 2

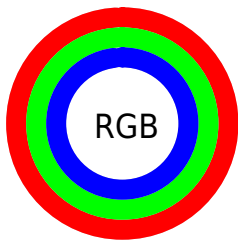
Format	Color
R _Y B	251, 254, 253
Decimal	16580347
CIE Lab	99.43, -1.18, 1.19
CIE LCh	99, 1.674, 134.743
Yxy	98.5441, 0.3132, 0.3319
Android (android.graphics.Color)	4294770427 (0xFFFCFEFB)
YUV	253.0600, -1.0156, -0.9296
Hunter-Lab	99.2694, -6.4959, 6.5453

Details

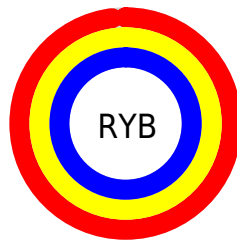
The RYB color 251, 254, 253 is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be 253, 251, 254, and the grayscale version is 253, 253, 253.

A 20% lighter version of the original color is 255, 255, 255, and 195, 197, 197 is the 20% darker color. If you saturate the color by 10%, you get 226, 254, 245, and if you desaturate by 10%, it is 255, 254, 255.

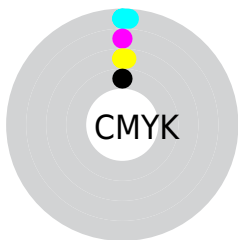
Distribution



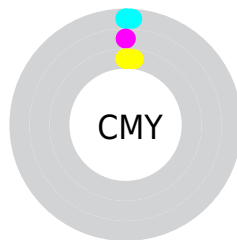
- Red (99%)
- Green (100%)
- Blue (98%)



- Red (98%)
- Yellow (100%)
- Blue (99%)



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 251, 254, 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 251, 254, 253 by changing the saturation by 10% instead.



251, 254, 253



251, 254, 253

255, 255, 255



222, 225, 224



195, 197, 197



167, 170, 169



141, 144, 143



115, 118, 117



91, 93, 92



67, 70, 69



45, 48, 47



25, 27, 27

 251, 254, 253

 251, 254, 253

 226, 254, 245

255, 254, 255

 200, 254, 236

 175, 254, 228

 149, 254, 219

 124, 254, 211

 99, 254, 203

 73, 254, 194

 48, 254, 185

 22, 254, 176

Harmonies

Analogous

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



250, 254, 250



251, 254, 253



250, 253, 254

Triad

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



251, 254, 253



251, 253, 255



255, 252, 253

Complementary

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



251, 254, 253



253, 251, 254

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, 252, 254



251, 254, 253



253, 253, 255

Square

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



251, 254, 253



250, 252, 255



255, 253, 255



255, 255, 251

Rectangle

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



251, 254, 253



250, 252, 254



255, 253, 255



255, 252, 253

Sweetspot

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



251, 254, 253

255, 255, 255



253, 254, 251



128, 128, 128



0, 0, 0

Same Dimension

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



251, 254, 253



252, 255, 254



251, 254, 254



126, 128, 127



0, 191, 127



0, 64, 43

Inverse Universe

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



253, 251, 254



254, 252, 255



254, 251, 254



127, 126, 128



127, 0, 191



42, 0, 64

Previews

White Background



This preview shows how the RYB color 251, 254, 253 looks on a white background.

Color Contrast Check

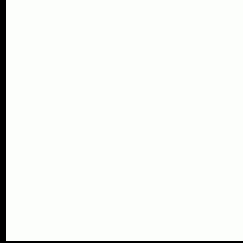
Large Text (above 18pt) WCAG AA × Fail

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 251, 254, 253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

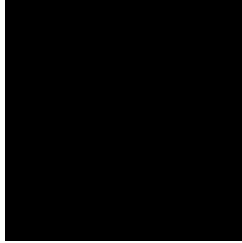
Any Text WCAG AA ✓ Pass

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 251, 254, 253 Background



This preview shows how black text looks on a background with the RYB color 251, 254, 253.



This preview shows how white text looks on a background with the RYB color 251, 254, 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
251, 254, 253

Protanopia
255, 254, 252

Deuteranopia
255, 253, 253

Tritanopia

254, 253, 255

Trichromacy

Original Color

251, 254, 253

Protanomaly

254, 254, 252

Deuteranomaly

254, 254, 252

Tritanomaly

253, 253, 254

Monochromacy

Original Color

251, 254, 253

Achromatopsia

253, 253, 253

Achromatomaly

252, 253, 252

CSS Examples

Text

The CSS property to change the color of the text to RYB 251, 254, 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(252, 254, 251) looks like.

```
.text, #text, p{  
    color:rgb(252, 254, 251)  
}
```

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(252, 254, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 254, 251) }
```

Border

The CSS property to change the border of an element to RYB 251, 254, 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(252, 254, 251) }
```

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

```
.border{ border-color:rgb(252, 254, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 254, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 254, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 254, 251);  
box-shadow:4px 4px 4px 4px rgb(252, 254,  
251) }
```

Background

The CSS property to change the background color of an element to RYB 251, 254, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 254, 251) }
```

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

```
.background{ background-color: rgb(252,  
254, 251) }
```

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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