Converting Colors

RYB(243, 248, 252)

Have a look what the booklet for RYB(243, 248, 252) contains.

Color

RYB(243, 248, 252)

Conversions

Conversions Part 1

Format	Color
Hex	F3FCFA
RGB	243, 252, 250
RGB Percent	95%, 99%, 98%
CMY	0.0471, 0.0118, 0.0188
CMYK	0.04, 0.00, 0.01, 0.01
HSL	168°, 60%, 97%
HSV	168°, 4%, 99%
XYZ	89.0593, 95.5902, 104.3638
YIQ	249.0810, -4.7220, -2.5300

Conversions

Conversions Part 2

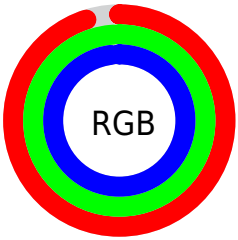
Format	Color
RYB	243, 248, 252
Decimal	15990010
CIELab	98.27, -3.27, -0.18
CIELCh	98, 3.273, 183.118
Yxy	95.5902, 0.3081, 0.3307
Android (android.graphics.Color)	4294180090 (0xFFF3FCFA)
YUV	249.0810, 0.4531, -5.3330
Hunter-Lab	97.7702, -8.5016, 5.1507

Details

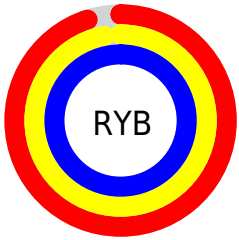
The RYB color 243, 248, 252 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 252, 243, 245, and the grayscale version is 249, 249, 249.

A 20% lighter version of the original color is 255, 255, 255, and 187, 191, 195 is the 20% darker color. If you saturate the color by 10%, you get 218, 237, 252, and if you desaturate by 10%, it is 255, 252, 255.

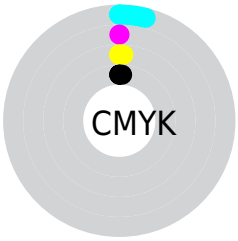
Distribution



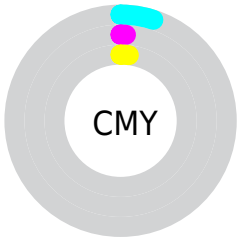
- Red (95%)
- Green (99%)
- Blue (98%)



- Red (95%)
- Yellow (97%)
- Blue (99%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (1%)



- Cyan (5%)
- Magenta (1%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 243, 248, 252 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 243, 248, 252 by changing the saturation by 10% instead.

243, 248, 252

255, 255, 255

243, 248, 252

215, 219, 223

187, 191, 195

160, 164, 168

134, 139, 142

108, 112, 116

84, 89, 92

61, 65, 68

39, 43, 46

19, 22, 25

243, 248, 252

218, 237, 252

193, 226, 252

167, 214, 252

142, 203, 252

117, 192, 252

92, 181, 252

67, 170, 252

41, 158, 252

16, 147, 252

243, 248, 252

255, 252, 255

Harmonies

Analogous

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

245, 250, 252

243, 248, 252

243, 248, 253

Triad

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

243, 248, 252

251, 249, 255

255, 253, 244

Complementary

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

243, 248, 252

252, 243, 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.

255, 248, 247

243, 248, 252

255, 248, 253

Square

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

243, 248, 252

247, 249, 255

255, 248, 250

249, 253, 244

Rectangle

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

243, 248, 252

243, 248, 255

255, 248, 250

255, 252, 245

Sweetspot

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

243, 248, 252

252, 254, 255

243, 252, 250

126, 127, 128

0, 0, 0

128, 128, 128

Same Dimension

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

243, 248, 252

245, 251, 255

243, 247, 252

119, 122, 125

0, 105, 189

0, 34, 61

Inverse Universe

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

252, 243, 245

255, 245, 247

252, 248, 243

125, 119, 120

189, 0, 38

61, 0, 12

Previews

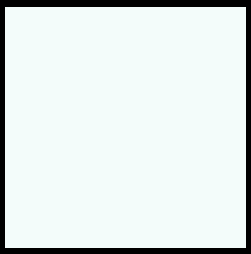
White Background

This preview shows how the RYB color 243, 248, 252 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



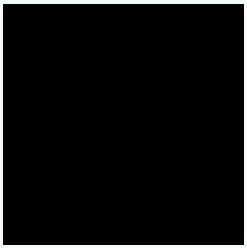
This preview shows how the RYB color 243, 248, 252 looks on a black background.

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 243, 248, 252 Background



This preview shows how black text looks on a background with the RYB color 243, 248, 252.

This preview shows how white text looks on a background with the RYB color 243, 248, 252.

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
243, 248, 252

Protanopia
254, 249, 248

Deuteranopia
255, 248, 250

Tritanopia
249, 250, 255

Trichromacy

Original Color
243, 248, 252

Protanomaly
249, 250, 249

Deuteranomaly
251, 249, 250

Tritanomaly
247, 249, 253

Monochromacy

Original Color
243, 248, 252

Achromatopsia
249, 249, 249

Achromatomaly
247, 249, 250

CSS Examples

Text

The CSS property to change the color of the text to RYB 243, 248, 252 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(243, 252, 250) looks like.

```
.text, #text, p{
    color:rgb(243, 252, 250)
}
```

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(243, 252, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 252, 250) }
```

Border

The CSS property to change the border of an element to RYB 243, 248, 252 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(243, 252, 250) }
```

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

```
.border{ border-color:rgb(243, 252, 250) }
```

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

Here you see how a box with a 4 pixel rgb(243, 252, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 252, 250); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 252, 250); box-shadow:4px 4px 4px 4px rgb(243, 252, 250) }
```

Background

The CSS property to change the background color of an element to RYB 243, 248, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(243, 252, 250) }
```

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

```
.background{ background-color:rgb(243,
252, 250) }
```

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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