Converting Colors

RYB(251, 243, 246)

Have a look what the booklet for RYB(251, 243, 246) contains.

Color

RYB(251, 243, 246)

Conversions

Conversions Part 1

Format	Color
Hex	FBF3F6
RGB	251, 243, 246
RGB Percent	98%, 95%, 96%
CMY	0.0157, 0.0471, 0.0353
CMYK	0.00, 0.03, 0.02, 0.02
HSL	337°, 50%, 97%
HSV	337°, 3%, 98%
XYZ	88.4688, 91.2642, 100.1417
YIQ	245.7340, 3.8050, 2.6290

Conversions

Conversions Part 2

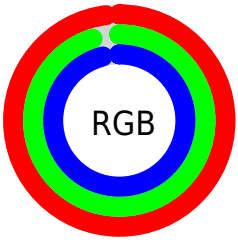
Format	Color
RYB	251, 243, 246
Decimal	16511990
CIELab	96.52, 3.19, -0.50
CIELCh	97, 3.233, 351.100
Yxy	91.2642, 0.3161, 0.3261
Android (android.graphics.Color)	4294702070 (0xFFFBF3F6)
YUV	245.7340, 0.1311, 4.6183
Hunter-Lab	95.5323, -1.8796, 4.7219

Details

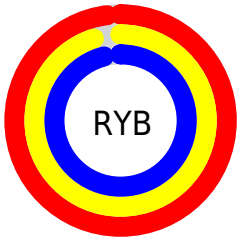
The RYB color 251, 243, 246 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 243, 248, 251, and the grayscale version is 246, 246, 246.

A 20% lighter version of the original color is 255, 255, 255, and 195, 187, 190 is the 20% darker color. If you saturate the color by 10%, you get 251, 218, 230, and if you desaturate by 10%, it is 251, 253, 255.

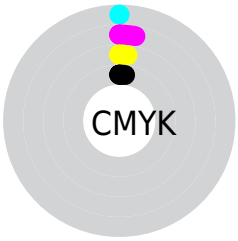
Distribution



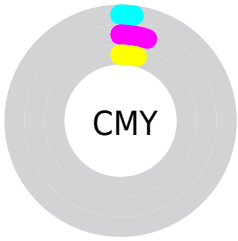
- Red (98%)
- Green (95%)
- Blue (96%)



- Red (98%)
- Yellow (95%)
- Blue (96%)



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



- Cyan (2%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 251, 243, 246 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, 243, 246 by changing the saturation by 10% instead.

251, 243, 246	251, 243, 246
255, 255, 255	222, 215, 218
	195, 187, 190
	167, 160, 163
	141, 134, 136
	115, 109, 111
	91, 84, 87
	67, 61, 64
	45, 39, 42
	25, 19, 21

251, 243, 246	251, 243, 246
251, 218, 230	251, 253, 255
251, 193, 215	
251, 168, 199	
251, 143, 183	
251, 118, 168	
251, 92, 152	
251, 67, 136	
251, 42, 121	
251, 17, 105	

Harmonies

Analogous

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

248, 244, 249

251, 243, 246

252, 243, 243

Triad

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

251, 243, 246

239, 245, 239

238, 243, 250

Complementary

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

251, 243, 246

243, 248, 251

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.

238, 243, 247

251, 243, 246

241, 246, 245

Square

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

251, 243, 246

249, 249, 239

239, 244, 247

241, 244, 251

Rectangle

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

251, 243, 246

252, 243, 241

239, 244, 247

238, 243, 249

Sweetspot

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

251, 243, 246

255, 252, 253

248, 243, 251

128, 126, 127

0, 0, 0

128, 128, 128

Same Dimension

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

251, 243, 246

255, 245, 249

251, 244, 243

125, 119, 121

189, 0, 71

61, 0, 23

Inverse Universe

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

251, 243, 246

255, 245, 249

243, 247, 251

125, 119, 121

189, 0, 71

61, 0, 23

Previews

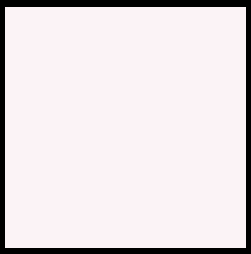
White Background

This preview shows how the RYB color 251, 243, 246 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



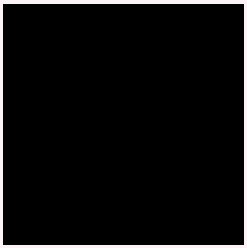
This preview shows how the RYB color 251, 243, 246 looks on a black background.

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, 243, 246 Background



This preview shows how black text looks on a background with the RYB color 251, 243, 246.

This preview shows how white text looks on a background with the RYB color 251, 243, 246.

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, 243, 246

Protanopia
249, 244, 246

Deuteranopia
255, 242, 246

Tritanopia
250, 242, 255

Trichromacy

Original Color
251, 243, 246

Protanomaly
250, 244, 246

Deuteranomaly
254, 242, 246

Tritanomaly
250, 242, 252

Monochromacy

Original Color
251, 243, 246

Achromatopsia
246, 246, 246

Achromatomaly
248, 245, 246

CSS Examples

Text

The CSS property to change the color of the text to RYB 251, 243, 246 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(251, 243, 246) looks like.

```
.text, #text, p{
    color:rgb(251, 243, 246)
}
```

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(251, 243, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 243, 246) }
```

Border

The CSS property to change the border of an element to RYB 251, 243, 246 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(251, 243, 246) }
```

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

```
.border{ border-color:rgb(251, 243, 246) }
```

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

Here you see how a box with a 4 pixel rgb(251, 243, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 243, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 243, 246); box-shadow:4px 4px 4px 4px rgb(251, 243, 246) }
```

Background

The CSS property to change the background color of an element to RYB 251, 243, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(251, 243, 246) }
```

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

```
.background{ background-color:rgb(251,
243, 246) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor