

Converting Colors

`RYB(250, 250, 240)`

Have a look what the booklet for
RYB(250, 250, 240) contains.

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Color

RYB(250, 250, 240)

Conversions

Conversions Part 1

Format	Color
Hex	FAF5F0
RGB	250, 245, 240
RGB Percent	98%, 96%, 94%
CMY	0.0196, 0.0392, 0.0588
CMYK	0.00, 0.02, 0.04, 0.02
HSL	30°, 50%, 96%
HSV	30°, 4%, 98%
XYZ	87.8049, 91.9201, 95.5526
YIQ	245.9250, 4.5850, -0.4950

Conversions

Conversions Part 2

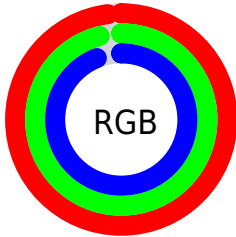
Format	Color
R _Y B	250, 250, 240
Decimal	16446960
CIE Lab	96.79, 0.81, 2.98
CIE LCh	97, 3.089, 74.792
Yxy	91.9201, 0.3190, 0.3339
Android (android.graphics.Color)	4294637040 (0xFFFAF5F0)
YUV	245.9250, -2.9210, 3.5738
Hunter-Lab	95.8750, -4.3060, 8.0218

Details

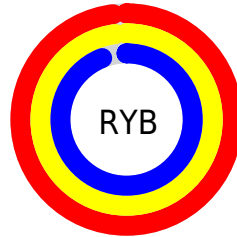
The RYB color `250, 250, 240` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `240, 243, 250`, and the grayscale version is `246, 246, 246`.

A 20% lighter version of the original color is `255, 255, 255`, and `194, 194, 184` is the 20% darker color. If you saturate the color by 10%, you get `248, 250, 215`, and if you desaturate by 10%, it is `250, 253, 255`.

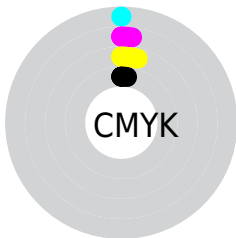
Distribution



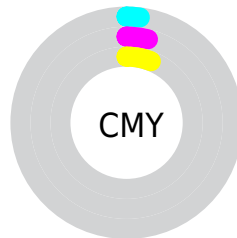
- Red (98%)
- Green (96%)
- Blue (94%)



- Red (98%)
- Yellow (98%)
- Blue (94%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (2%)



- Cyan (2%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RYB color 250, 250, 240 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 250, 250, 240 by changing the saturation by 10% instead.


 250, 250, 240

255, 255, 255

 250, 250, 240

 219, 221, 212

 194, 194, 184

 164, 166, 157

 138, 140, 131

 115, 113, 106

 90, 90, 82

 67, 67, 59

 42, 44, 37

 24, 24, 16

 250, 250, 240

 250, 250, 240

 248, 250, 215


 250, 253, 255


 250, 250, 190


 248, 250, 165


 250, 250, 140

 248, 250, 115

 250, 250, 90

 248, 250, 65

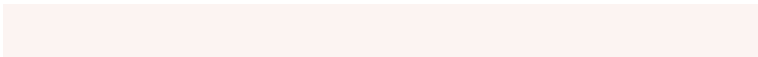
 250, 250, 40

 248, 250, 15

Harmonies

Analogous

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



252, 245, 242



250, 250, 240



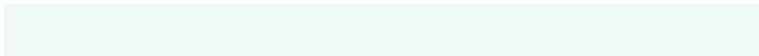
241, 247, 240

Triad

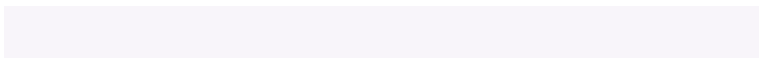
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



250, 250, 240



239, 244, 248



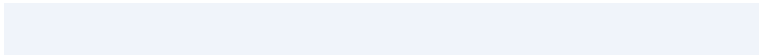
248, 245, 250

Complementary

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



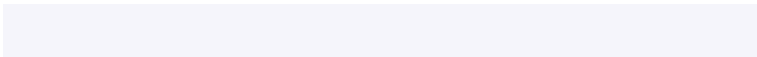
250, 250, 240



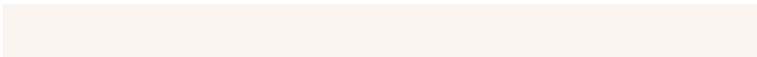
240, 243, 250

Split Complementary

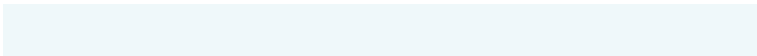
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



245, 245, 251



250, 250, 240



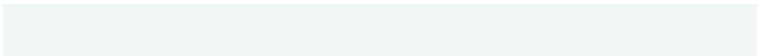
239, 244, 250

Square

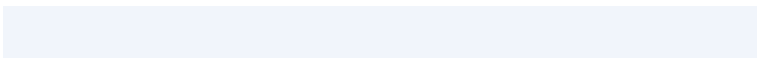
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



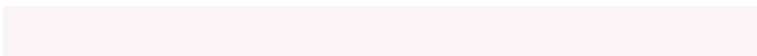
250, 250, 240



240, 244, 247



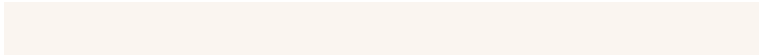
241, 244, 251



251, 244, 247

Rectangle

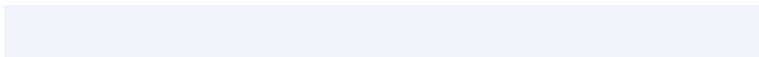
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



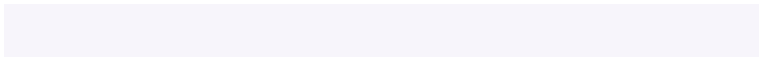
250, 250, 240



241, 247, 244



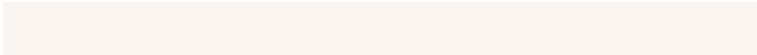
241, 244, 251



247, 245, 251

Sweetspot

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



250, 250, 240



254, 255, 252



250, 240, 245



128, 128, 126



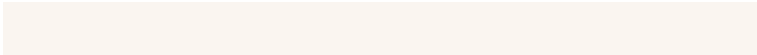
0, 0, 0



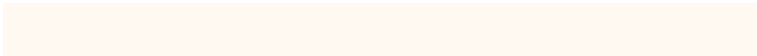
128, 128, 128

Same Dimension

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



250, 250, 240



253, 255, 242



240, 250, 240



125, 125, 117



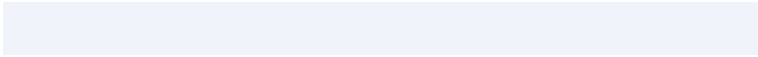
189, 187, 0



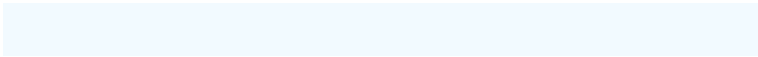
59, 61, 0

Inverse Universe

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



240, 243, 250



242, 247, 255



240, 240, 250



117, 120, 125



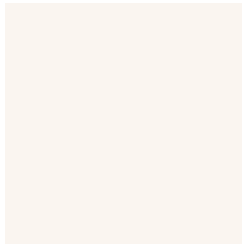
0, 63, 189



0, 21, 61

Previews

White Background



This preview shows how the RYB color 250, 250, 240 looks on a white background.

Color Contrast Check

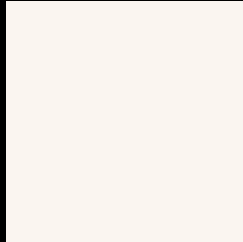
Large Text (above 18pt) WCAG AA × Fail

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 250, 250, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

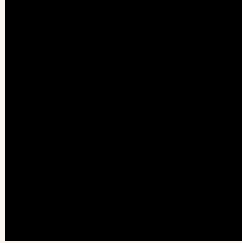
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

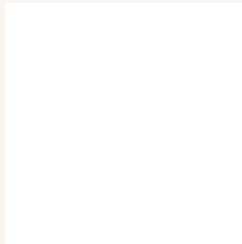
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 250, 250, 240 Background



This preview shows how black text looks on a background with the RYB color 250, 250, 240.

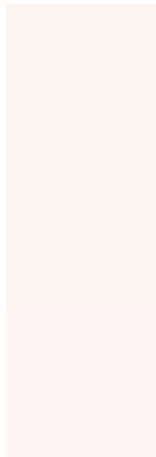


This preview shows how white text looks on a background with the RYB color 250, 250, 240.

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
250, 250, 240

Protanopia
251, 249, 240

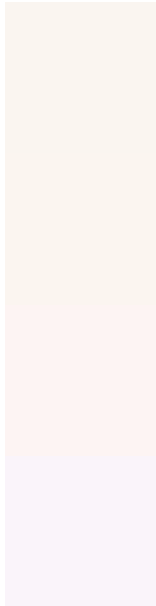
Deuteranopia
255, 243, 244



Tritanopia

250, 243, 255

Trichromacy



Original Color

250, 250, 240

Protanomaly

251, 249, 240

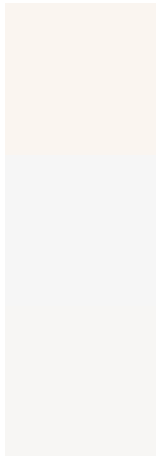
Deuteranomaly

253, 244, 243

Tritanomaly

250, 244, 250

Monochromacy



Original Color

250, 250, 240

Achromatopsia

246, 246, 246

Achromatomaly

246, 247, 244

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 250, 240 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(250, 245, 240) looks like.

```
.text, #text, p{  
    color:rgb(250, 245, 240)  
}
```

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(250, 245, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 245, 240) }
```

Border

The CSS property to change the border of an element to RYB 250, 250, 240 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(250, 245, 240) }
```

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

```
.border{ border-color:rgb(250, 245, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 245, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 245, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 245, 240);  
box-shadow:4px 4px 4px 4px rgb(250, 245,  
240) }
```

Background

The CSS property to change the background color of an element to RYB 250, 250, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 245, 240) }
```

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

```
.background{ background-color: rgb(250,  
245, 240) }
```

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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