

Converting Colors

`RYB(250, 252, 207)`

Have a look what the booklet for
RYB(250, 252, 207) contains.

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Color

R_YB(250, 252, 207)

Conversions

Conversions Part 1

Format	Color
Hex	FCE6CF
RGB	252, 230, 207
RGB Percent	99%, 90%, 81%
CMY	0.0118, 0.0980, 0.1882
CMYK	0.00, 0.09, 0.18, 0.01
HSL	31°, 88%, 90%
HSV	31°, 18%, 99%
XYZ	79.7073, 81.8004, 70.6195
YIQ	233.9560, 20.4950, -2.4890

Conversions

Conversions Part 2

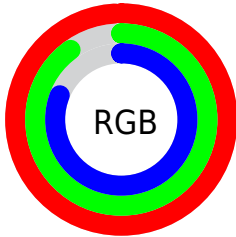
Format	Color
R _Y B	250, 252, 207
Decimal	16574159
CIE Lab	92.49, 3.89, 13.92
CIE LCh	92, 14.459, 74.376
Yxy	81.8004, 0.3434, 0.3524
Android (android.graphics.Color)	4294764239 (0xFFFC6CF)
YUV	233.9560, -13.2893, 15.8246
Hunter-Lab	90.4436, -0.9653, 17.0161

Details

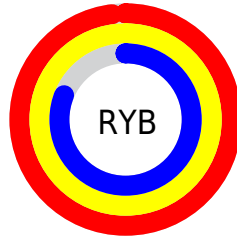
The RYB color **250, 252, 207** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **207, 222, 252**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is 255, 255, 255, and **191, 195, 153** is the 20% darker color. If you saturate the color by 10%, you get **248, 252, 182**, and if you desaturate by 10%, it is **252, 252, 232**.

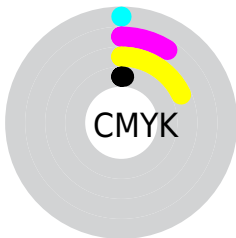
Distribution



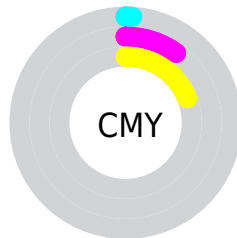
- Red (99%)
- Green (90%)
- Blue (81%)



- Red (98%)
- Yellow (99%)
- Blue (81%)



- Cyan (0%)
- Magenta (9%)
- Yellow (18%)
- Black (1%)



- Cyan (1%)
- Magenta (10%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 250, 252, 207 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, 252, 207 by changing the saturation by 10% instead.

250, 252, 207

255, 255, 255

250, 252, 207

219, 223, 179

191, 195, 153

166, 168, 127

139, 141, 102

113, 115, 78

84, 90, 55

61, 66, 33

35, 44, 11

21, 8, 0

250, 252, 207

250, 252, 207

248, 252, 182

252, 252, 232

250, 252, 157

252, 254, 255

246, 252, 131

244, 252, 106

246, 252, 81

244, 252, 56

242, 252, 31

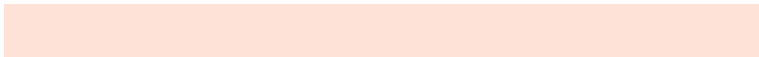
238, 252, 5

240, 252, 0

Harmonies

Analogous

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



255, 230, 215



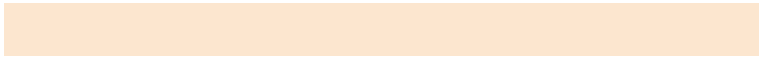
250, 252, 207



210, 238, 207

Triad

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



250, 252, 207



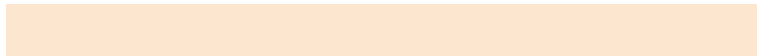
199, 221, 242



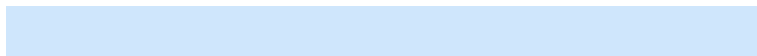
244, 228, 253

Complementary

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



250, 252, 207



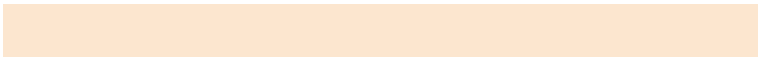
207, 222, 252

Split Complementary

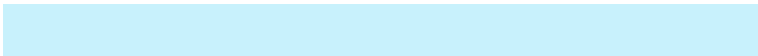
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227, 231, 255



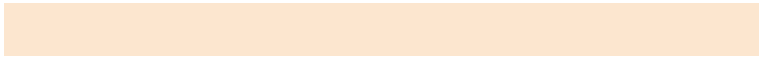
250, 252, 207



200, 223, 252

Square

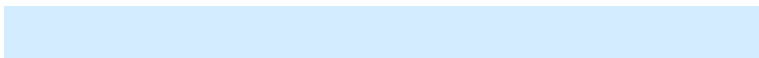
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



250, 252, 207



207, 229, 241



211, 227, 255



255, 225, 241

Rectangle

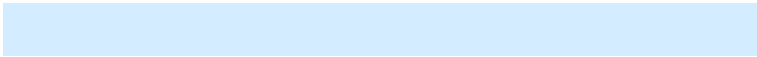
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



250, 252, 207



210, 237, 220



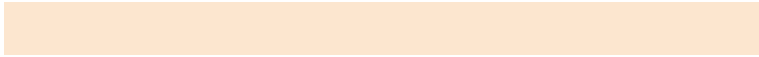
211, 227, 255



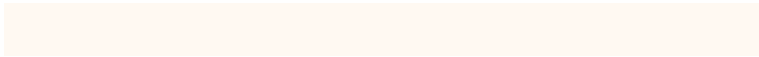
239, 229, 255

Sweetspot

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



250, 252, 207



253, 255, 242



252, 207, 230



128, 128, 120



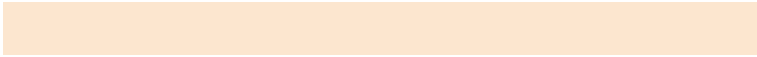
0, 0, 0



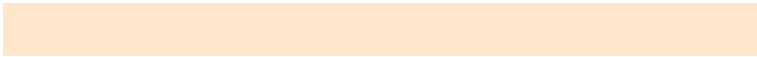
128, 128, 128

Same Dimension

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



250, 252, 207



251, 255, 201



207, 252, 207



123, 125, 112



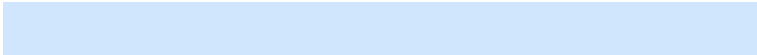
183, 189, 0



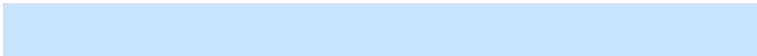
59, 61, 0

Inverse Universe

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



207, 222, 252



201, 219, 255



207, 207, 252



112, 117, 125



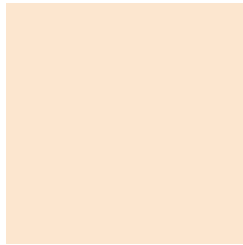
0, 62, 189



0, 20, 61

Previews

White Background



This preview shows how the RYB color 250, 252, 207 looks on a white background.

Color Contrast Check

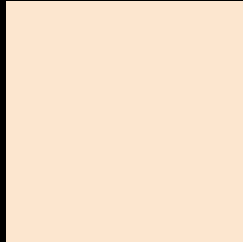
Large Text (above 18pt) WCAG AA × Fail

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, 252, 207 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](#).

RYP 250, 252, 207 Background



This preview shows how black text looks on a background with the RYP color 250, 252, 207.

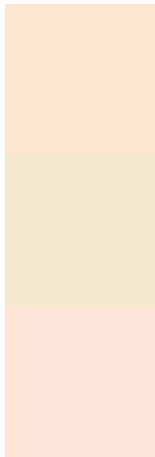


This preview shows how white text looks on a background with the RYP color 250, 252, 207.

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, 252, 207

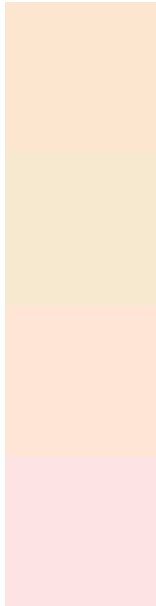
Protanopia
224, 244, 208

Deuteranopia
255, 232, 217



Tritanopia
255, 225, 242

Trichromacy



Original Color

250, 252, 207

Protanomaly

232, 247, 208

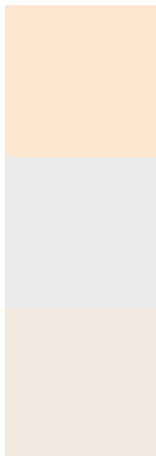
Deuteranomaly

254, 239, 213

Tritanomaly

254, 227, 229

Monochromacy



Original Color

250, 252, 207

Achromatopsia

234, 234, 234

Achromatomaly

239, 241, 224

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 252, 207 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, 230, 207) looks like.

```
.text, #text, p{  
    color:rgb(252, 230, 207)  
}
```

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, 230, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 230, 207) }
```

Border

The CSS property to change the border of an element to RYB 250, 252, 207 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, 230, 207) }
```

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

```
.border{ border-color:rgb(252, 230, 207) }
```

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

Here you see how a box with a 4 pixel rgb(252, 230, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 230, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 230, 207);  
box-shadow:4px 4px 4px 4px rgb(252, 230,  
207) }
```

Background

The CSS property to change the background color of an element to RYB 250, 252, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 230, 207) }
```

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

```
.background{ background-color: rgb(252,  
230, 207) }
```

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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