

Converting Colors

`RYB(253, 240, 211)`

Have a look what the booklet for
RYB(253, 240, 211) contains.

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Color

RYB(253, 240, 211)

Conversions

Conversions Part 1

Format	Color
Hex	FDE4D3
RGB	253, 228, 211
RGB Percent	99%, 89%, 83%
CMY	0.0078, 0.1053, 0.1725
CMYK	0.00, 0.10, 0.17, 0.01
HSL	25°, 91%, 91%
HSV	25°, 17%, 99%
XYZ	80.0519, 81.1579, 73.0739
YIQ	233.5370, 20.3570, 0.0130

Conversions

Conversions Part 2

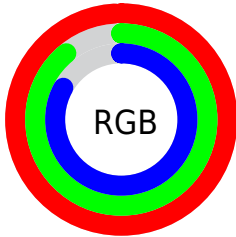
Format	Color
R _Y B	253, 240, 211
Decimal	16639187
CIE Lab	92.20, 5.80, 11.45
CIE LCh	92, 12.836, 63.137
Yxy	81.1579, 0.3417, 0.3464
Android (android.graphics.Color)	4294829267 (0xFFFDE4D3)
YUV	233.5370, -11.1107, 17.0691
Hunter-Lab	90.0877, 0.9617, 14.9688

Details

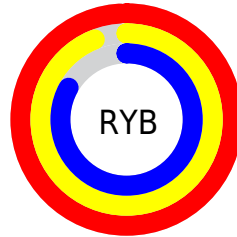
The RYB color **253, 240, 211** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **211, 227, 253**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is **255, 255, 255**, and **196, 186, 156** is the 20% darker color. If you saturate the color by 10%, you get **253, 231, 186**, and if you desaturate by 10%, it is **253, 248, 236**.

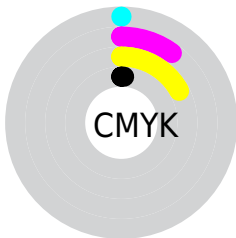
Distribution



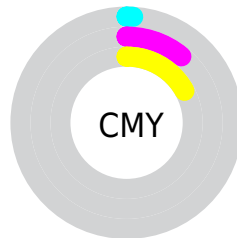
- Red (99%)
- Green (89%)
- Blue (83%)



- Red (99%)
- Yellow (94%)
- Blue (83%)



- Cyan (0%)
- Magenta (10%)
- Yellow (17%)
- Black (1%)



- Cyan (1%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 253, 240, 211 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 253, 240, 211 by changing the saturation by 10% instead.

 253, 240, 211

255, 255, 255

 253, 240, 211


 224, 212, 183

 196, 186, 156

 169, 157, 130

 142, 133, 105

 116, 107, 81

 91, 82, 58

 67, 62, 36

 44, 40, 16

 23, 3, 0

253, 240, 211

253, 240, 211

253, 231, 186

253, 248, 236

253, 224, 160

253, 254, 255

253, 216, 135

253, 208, 110

253, 199, 85

253, 192, 59

253, 184, 34

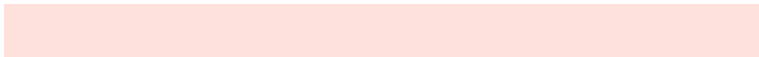
253, 176, 9

253, 174, 0

Harmonies

Analogous

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



255, 226, 220



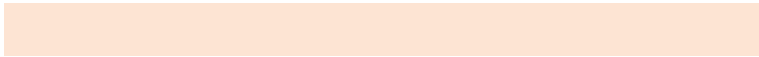
253, 240, 211



222, 242, 208

Triad

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



253, 240, 211



204, 224, 240



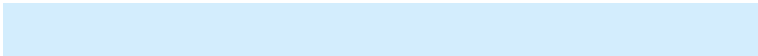
237, 229, 253

Complementary

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



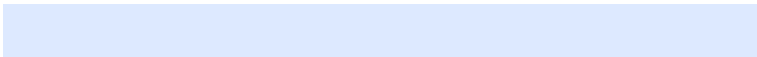
253, 240, 211



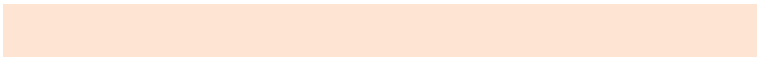
211, 227, 253

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.



221, 230, 255



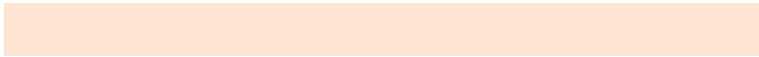
253, 240, 211



202, 222, 246

Square

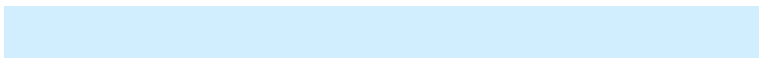
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



253, 240, 211



214, 234, 239



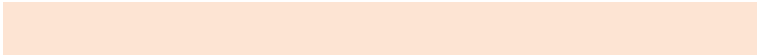
208, 226, 254



250, 226, 244

Rectangle

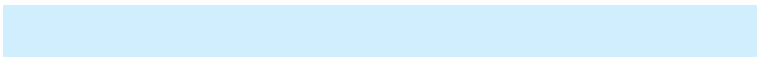
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



253, 240, 211



210, 235, 213



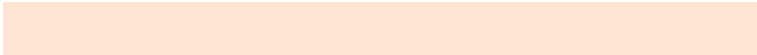
208, 226, 254



232, 230, 255

Sweetspot

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



253, 240, 211



255, 250, 242



253, 211, 236



128, 125, 120



0, 0, 0



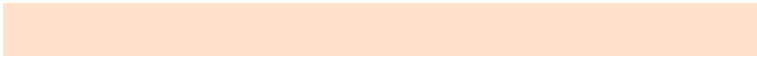
128, 128, 128

Same Dimension

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



253, 240, 211



255, 240, 204



215, 253, 211



128, 123, 115



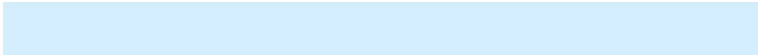
191, 132, 0



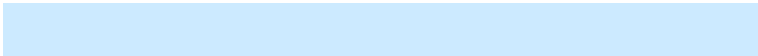
64, 44, 0

Inverse Universe

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



211, 227, 253



204, 223, 255



211, 215, 253



115, 120, 128



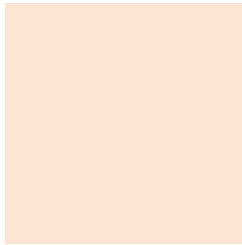
0, 71, 191



0, 24, 64

Previews

White Background



This preview shows how the RYB color 253, 240, 211 looks on a white background.

Color Contrast Check

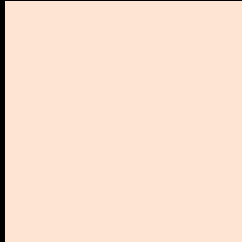
Large Text (above 18pt) WCAG AA × Fail

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 253, 240, 211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

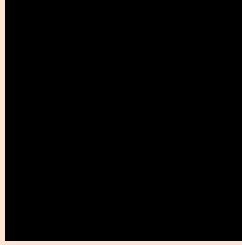
Any Text WCAG AA ✓ Pass

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 253, 240, 211 Background



This preview shows how black text looks on a background with the RYB color 253, 240, 211.

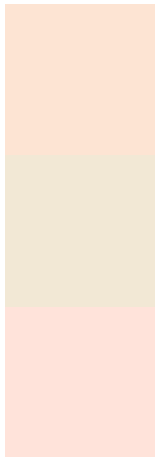


This preview shows how white text looks on a background with the RYB color 253, 240, 211.

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
253, 240, 211

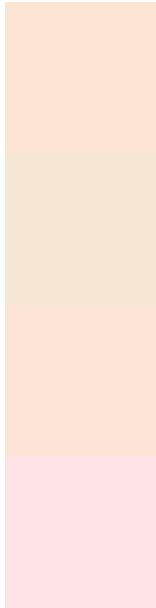
Protanopia
228, 242, 213

Deuteranopia
255, 230, 218



Tritanopia
255, 224, 240

Trichromacy



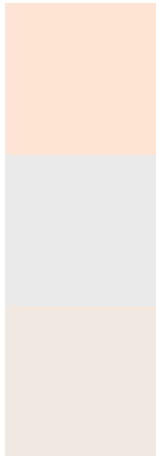
Original Color
253, 240, 211

Protanomaly
239, 246, 212

Deuteranomaly
254, 232, 215

Tritanomaly
254, 226, 229

Monochromacy



Original Color
253, 240, 211

Achromatopsia
234, 234, 234

Achromatomaly
241, 236, 226

CSS Examples

Text

The CSS property to change the color of the text to RYB 253, 240, 211 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(253, 228, 211)` looks like.

```
.text, #text, p{  
    color:rgb(253, 228, 211)  
}
```

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(253, 228, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 228, 211) }
```

Border

The CSS property to change the border of an element to RYB 253, 240, 211 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(253, 228, 211) }
```

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

```
.border{ border-color:rgb(253, 228, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 228, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 228, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 228, 211);  
box-shadow:4px 4px 4px 4px rgb(253, 228,  
211) }
```

Background

The CSS property to change the background color of an element to RYB 253, 240, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 228, 211) }
```

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

```
.background{ background-color: rgb(253,  
228, 211) }
```

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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