

Converting Colors

`RYB(247, 253, 210)`

Have a look what the booklet for
RYB(247, 253, 210) contains.

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Color

R_YB(247, 253, 210)

Conversions

Conversions Part 1

Format	Color
Hex	FDE9D2
RGB	253, 233, 210
RGB Percent	99%, 91%, 82%
CMY	0.0078, 0.0858, 0.1765
CMYK	0.00, 0.08, 0.17, 0.01
HSL	32°, 91%, 91%
HSV	32°, 17%, 99%
XYZ	81.3116, 83.8773, 72.8771
YIQ	236.3580, 19.3030, -2.9130

Conversions

Conversions Part 2

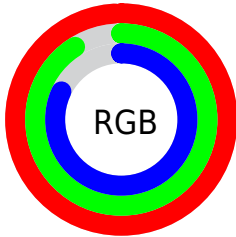
Format	Color
R _Y B	247, 253, 210
Decimal	16640466
CIE Lab	93.40, 3.11, 13.67
CIE LCh	93, 14.018, 77.175
Yxy	83.8773, 0.3416, 0.3523
Android (android.graphics.Color)	4294830546 (0xFFFDE9D2)
YUV	236.3580, -12.9945, 14.5950
Hunter-Lab	91.5846, -1.7951, 16.9300

Details

The RYB color **247, 253, 210** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **210, 224, 253**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is 255, 255, 255, and **192, 196, 156** is the 20% darker color. If you saturate the color by 10%, you get **245, 253, 185**, and if you desaturate by 10%, it is **249, 253, 235**.

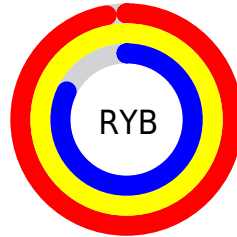
Distribution



Red (99%)

Green (91%)

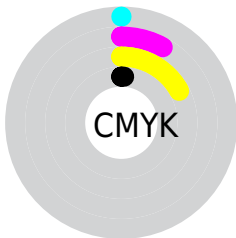
Blue (82%)



Red (97%)

Yellow (99%)

Blue (82%)

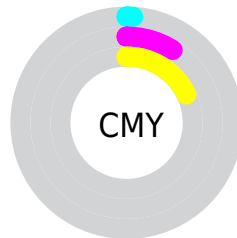


Cyan (0%)

Magenta (8%)

Yellow (17%)

Black (1%)



Cyan (1%)

Magenta (9%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 247, 253, 210 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 247, 253, 210 by changing the saturation by 10% instead.


 247, 253, 210

255, 255, 255


 247, 253, 210

 217, 224, 182

 189, 196, 156

 162, 169, 129

 135, 142, 104

 109, 116, 80

 84, 91, 57

 57, 67, 35

 34, 44, 14

 22, 15, 0

247, 253, 210

247, 253, 210

245, 253, 185

249, 253, 235

238, 253, 159

253, 254, 255

236, 253, 134

234, 253, 109

229, 253, 84

225, 253, 58

223, 253, 33

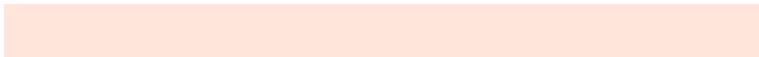
218, 253, 8

218, 253, 0

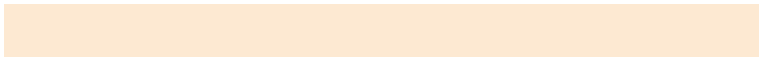
Harmonies

Analogous

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



255, 235, 217



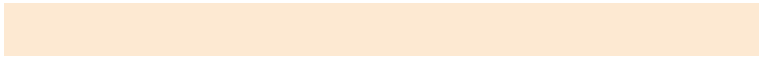
247, 253, 210



211, 239, 210

Triad

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



247, 253, 210



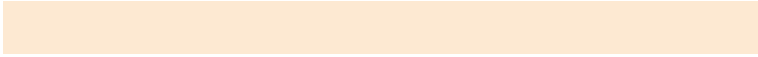
203, 224, 244



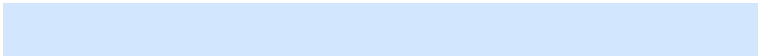
248, 230, 254

Complementary

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



247, 253, 210



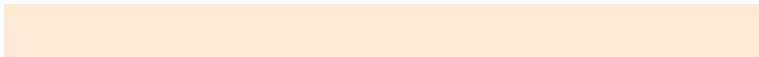
210, 224, 253

Split Complementary

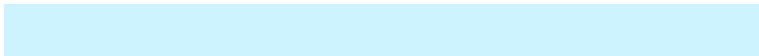
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232, 235, 255



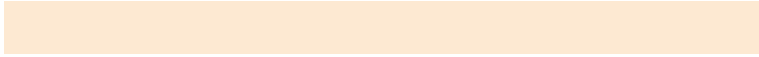
247, 253, 210



204, 226, 255

Square

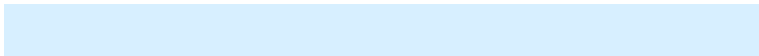
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



247, 253, 210



210, 231, 244



215, 230, 255



255, 227, 242

Rectangle

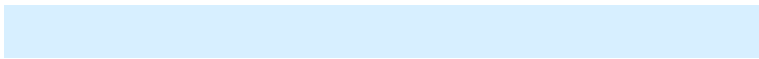
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



247, 253, 210



214, 240, 226



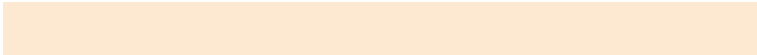
215, 230, 255



243, 232, 255

Sweetspot

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



247, 253, 210



253, 255, 242



253, 210, 230



128, 128, 120



0, 0, 0



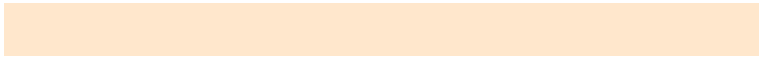
128, 128, 128

Same Dimension

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



247, 253, 210



249, 255, 204



210, 253, 211



126, 128, 115



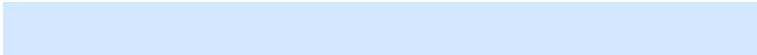
163, 191, 0



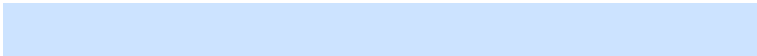
56, 64, 0

Inverse Universe

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



210, 224, 253



204, 220, 255



211, 210, 253



115, 119, 128



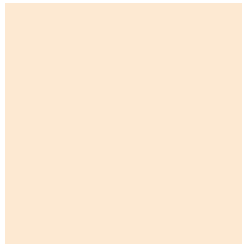
0, 60, 191



0, 20, 64

Previews

White Background



This preview shows how the RYB color 247, 253, 210 looks on a white background.

Color Contrast Check

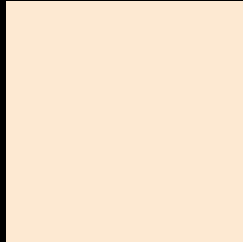
Large Text (above 18pt) WCAG AA × Fail

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 247, 253, 210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

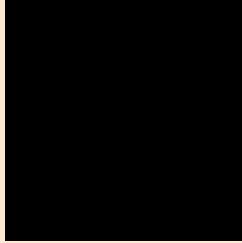
Any Text WCAG AA ✓ Pass

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 247, 253, 210 Background



This preview shows how black text looks on a background with the RYB color 247, 253, 210.



This preview shows how white text looks on a background with the RYB color 247, 253, 210.

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
247, 253, 210

Protanopia
227, 246, 211

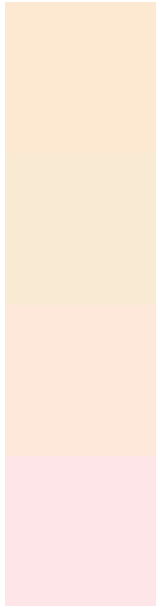
Deuteranopia
255, 234, 222



Tritanopia

255, 229, 245

Trichromacy



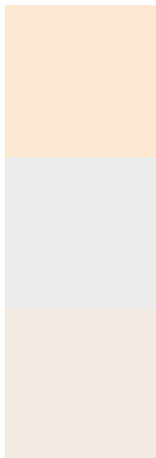
Original Color
247, 253, 210

Protanomaly
236, 249, 211

Deuteranomaly
254, 241, 218

Tritanomaly
254, 230, 232

Monochromacy



Original Color
247, 253, 210

Achromatopsia
236, 236, 236

Achromatomaly
240, 242, 227

CSS Examples

Text

The CSS property to change the color of the text to RYB 247, 253, 210 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, 233, 210) looks like.

```
.text, #text, p{  
    color:rgb(253, 233, 210)  
}
```

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, 233, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 233, 210) }
```

Border

The CSS property to change the border of an element to RYB 247, 253, 210 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, 233, 210) }
```

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

```
.border{ border-color:rgb(253, 233, 210) }
```

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

Here you see how a box with a 4 pixel rgb(253, 233, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 233, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 233, 210);  
box-shadow:4px 4px 4px 4px rgb(253, 233,  
210) }
```

Background

The CSS property to change the background color of an element to RYB 247, 253, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 233, 210) }
```

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

```
.background{ background-color: rgb(253,  
233, 210) }
```

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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