

Converting Colors

`RYB(248, 254, 193)`

Have a look what the booklet for
RYB(248, 254, 193) contains.

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Color

R_YB(248, 254, 193)

Conversions

Conversions Part 1

Format	Color
Hex	FEE1C1
RGB	254, 225, 193
RGB Percent	100%, 88%, 76%
CMY	0.0039, 0.1173, 0.2431
CMYK	0.00, 0.11, 0.24, 0.00
HSL	32°, 97%, 88%
HSV	32°, 24%, 100%
XYZ	77.4449, 78.8135, 61.5828
YIQ	230.0230, 27.5560, -3.8040

Conversions

Conversions Part 2

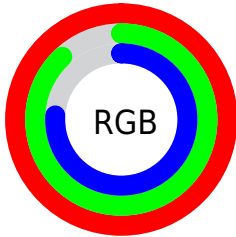
Format	Color
R_{YB}	248, 254, 193
Decimal	16703937
CIE _{Lab}	91.15, 5.15, 19.34
CIE _{LCh}	91, 20.018, 75.085
Yxy	78.8135, 0.3555, 0.3618
Android (android.graphics.Color)	4294894017 (0xFFFE1C1)
YUV	230.0230, -18.2523, 21.0278
Hunter-Lab	88.7770, 0.3554, 21.0156

Details

The RYB color **248, 254, 193** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **193, 213, 254**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **250, 255, 250**, and **190, 197, 139** is the 20% darker color. If you saturate the color by 10%, you get **246, 254, 168**, and if you desaturate by 10%, it is **250, 254, 218**.

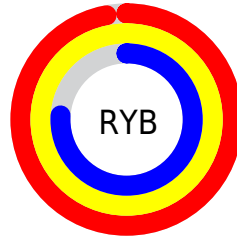
Distribution



Red (100%)

Green (88%)

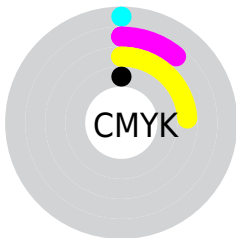
Blue (76%)



Red (97%)

Yellow (100%)

Blue (76%)

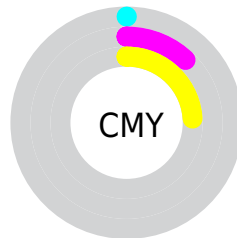


Cyan (0%)

Magenta (11%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 248, 254, 193 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 248, 254, 193 by changing the saturation by 10% instead.


 248, 254, 193

255, 255, 255


 250, 255, 250

 248, 254, 193

 219, 225, 166

 190, 197, 139

 163, 169, 114

 133, 142, 89

 109, 116, 66

 80, 91, 43

 55, 66, 22

 30, 44, 0

 18, 0, 0

■ 248, 254, 193

■ 248, 254, 193

■ 246, 254, 168

■ 250, 254, 218

■ 243, 254, 142

■ 254, 254, 244

■ 241, 254, 117

254, 255, 255

■ 237, 254, 91

■ 235, 254, 66

■ 233, 254, 41

■ 229, 254, 15

■ 227, 254, 0

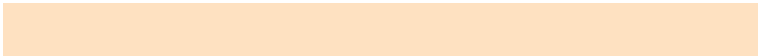
Harmonies

Analogous

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



255, 226, 203



248, 254, 193



197, 235, 193

Triad

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



248, 254, 193



180, 211, 241



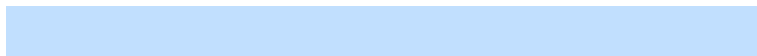
245, 222, 255

Complementary

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



248, 254, 193



193, 213, 254

Split Complementary

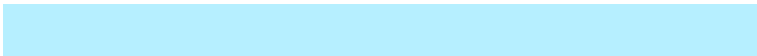
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



221, 227, 255



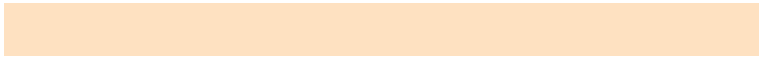
248, 254, 193



182, 214, 255

Square

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



248, 254, 193



193, 223, 240



197, 220, 255



255, 217, 240

Rectangle

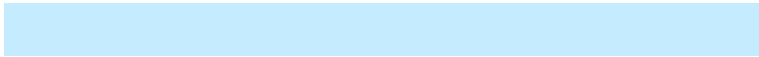
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



248, 254, 193



198, 235, 213



197, 220, 255



237, 224, 255

Sweetspot

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



248, 254, 193



251, 255, 237



254, 193, 222



126, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



248, 254, 193



247, 255, 181



193, 254, 194



128, 126, 115



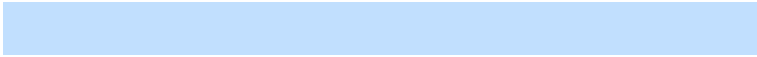
170, 191, 0



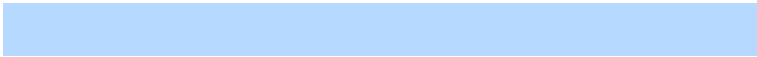
56, 64, 0

Inverse Universe

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



193, 213, 254



181, 205, 255



194, 193, 254



115, 119, 128



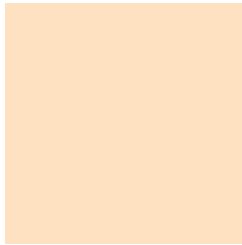
0, 62, 191



0, 20, 64

Previews

White Background



This preview shows how the RYB color 248, 254, 193 looks on a white background.

Color Contrast Check

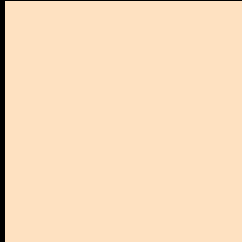
Large Text (above 18pt) WCAG AA × Fail

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 248, 254, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

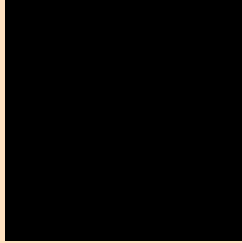
Any Text WCAG AA ✓ Pass

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 248, 254, 193 Background



This preview shows how black text looks on a background with the RYB color 248, 254, 193.

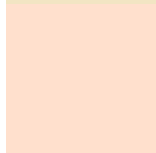


This preview shows how white text looks on a background with the RYB color 248, 254, 193.

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

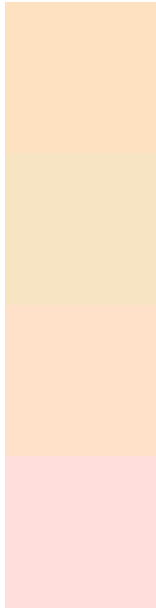
	Original Color 248, 254, 193
	Protanopia 213, 242, 195
	Deuteranopia 255, 236, 205



Tritanopia

255, 221, 235

Trichromacy



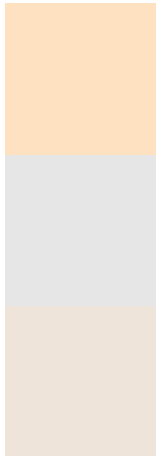
Original Color
248, 254, 193

Protanomaly
222, 246, 194

Deuteranomaly
255, 241, 201

Tritanomaly
255, 222, 220

Monochromacy



Original Color
248, 254, 193

Achromatopsia
230, 230, 230

Achromatomaly
239, 239, 217

CSS Examples

Text

The CSS property to change the color of the text to RYB 248, 254, 193 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(254, 225, 193)` looks like.

```
.text, #text, p{  
    color:rgb(254, 225, 193)  
}
```

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(254, 225, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 225, 193) }
```

Border

The CSS property to change the border of an element to RYB 248, 254, 193 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(254, 225, 193) }
```

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

```
.border{ border-color:rgb(254, 225, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 225, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 225, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 225, 193);  
box-shadow:4px 4px 4px 4px rgb(254, 225,  
193) }
```

Background

The CSS property to change the background color of an element to RYB 248, 254, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 225, 193) }
```

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

```
.background{ background-color: rgb(254,  
225, 193) }
```

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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