

Converting Colors

`RYB(251, 251, 167)`

Have a look what the booklet for
RYB(251, 251, 167) contains.

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Color

R_YB(251, 251, 167)

Conversions

Conversions Part 1

Format	Color
Hex	FBD1A7
RGB	251, 209, 167
RGB Percent	98%, 82%, 65%
CMY	0.0157, 0.1804, 0.3451
CMYK	0.00, 0.17, 0.33, 0.02
HSL	30°, 91%, 82%
HSV	30°, 33%, 98%
XYZ	69.5592, 68.9002, 46.1921
YIQ	216.7700, 38.5140, -4.1580

Conversions

Conversions Part 2

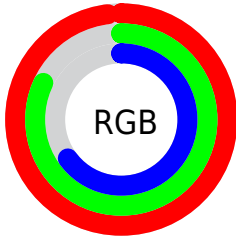
Format	Color
R _Y B	251, 251, 167
Decimal	16503207
CIE Lab	86.45, 8.97, 26.37
CIE LCh	86, 27.850, 71.214
Yxy	68.9002, 0.3767, 0.3731
Android (android.graphics.Color)	4294693287 (0xFFFBD1A7)
YUV	216.7700, -24.5366, 30.0197
Hunter-Lab	83.0061, 4.3224, 25.1100

Details

The RYB color **251, 251, 167** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **167, 195, 251**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **222, 255, 222**, and **189, 193, 115** is the 20% darker color. If you saturate the color by 10%, you get **251, 249, 142**, and if you desaturate by 10%, it is **249, 251, 192**.

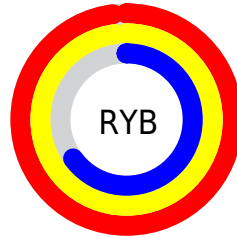
Distribution



Red (98%)

Green (82%)

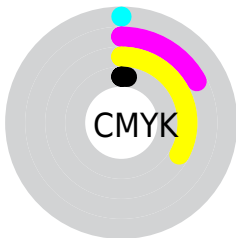
Blue (65%)



Red (98%)

Yellow (98%)

Blue (65%)

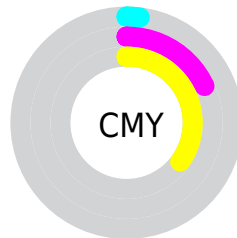


Cyan (0%)

Magenta (17%)

Yellow (33%)

Black (2%)



Cyan (2%)

Magenta (18%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 251, 251, 167 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 251, 251, 167 by changing the saturation by 10% instead.

 251, 251, 167

255, 255, 255

 222, 255, 222

 251, 255, 251


 251, 251, 167

 222, 222, 140

 189, 193, 115

 159, 165, 90

 130, 138, 66

 100, 111, 43

 75, 86, 22

 45, 61, 0

 37, 25, 0


 0, 0, 0


 251, 251, 167


 251, 251, 167

 251, 249, 142


 249, 251, 192

 251, 251, 117


 251, 251, 217

 251, 249, 92

 249, 251, 242

 251, 251, 67

 251, 253, 255

 251, 251, 41

 249, 251, 16

 249, 251, 0

Harmonies

Analogous

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



255, 207, 183



251, 251, 167



173, 226, 164

Triad

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



251, 251, 167



145, 189, 231



233, 206, 255

Complementary

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



251, 251, 167



167, 195, 251

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.



198, 211, 255



251, 251, 167



142, 190, 250

Square

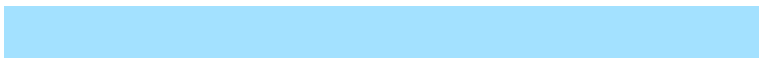
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



251, 251, 167



167, 209, 230



163, 200, 255



255, 199, 234

Rectangle

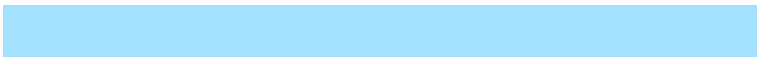
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



251, 251, 167



171, 223, 188



163, 200, 255



222, 209, 255

Sweetspot

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



251, 251, 167



255, 253, 230



251, 167, 209



128, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



251, 251, 167



255, 255, 153



167, 251, 167



123, 125, 112



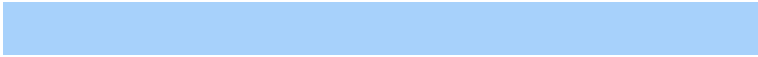
189, 187, 0



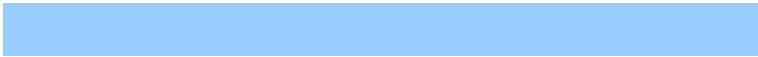
59, 61, 0

Inverse Universe

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



167, 195, 251



153, 187, 255



167, 167, 251



112, 117, 125



0, 63, 189



0, 21, 61

Previews

White Background



This preview shows how the RYB color 251, 251, 167 looks on a white background.

Color Contrast Check

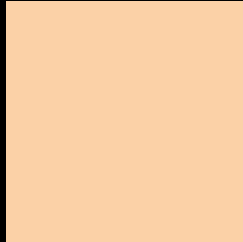
Large Text (above 18pt) WCAG AA × Fail

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 251, 251, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

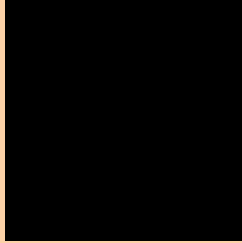
Any Text WCAG AA ✓ Pass

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 251, 251, 167 Background



This preview shows how black text looks on a background with the RYB color 251, 251, 167.



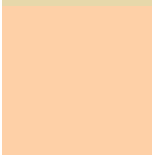


This preview shows how white text looks on a background with the RYB color 251, 251, 167.

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 251, 251, 167
	Protanopia 190, 231, 170
	Deuteranopia 254, 245, 167



Tritanopia
255, 203, 218

Trichromacy



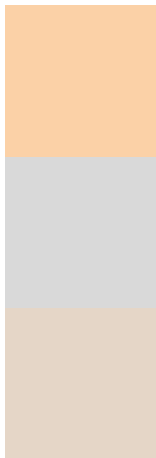
Original Color
251, 251, 167

Protanomaly
208, 238, 169

Deuteranomaly
253, 245, 167

Tritanomaly
254, 206, 199

Monochromacy



Original Color
251, 251, 167

Achromatopsia
217, 217, 217

Achromatomaly
229, 229, 199

CSS Examples

Text

The CSS property to change the color of the text to RYB 251, 251, 167 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(251, 209, 167)` looks like.

```
.text, #text, p{  
    color:rgb(251, 209, 167)  
}
```

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(251, 209, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 209, 167) }
```

Border

The CSS property to change the border of an element to RYB 251, 251, 167 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(251, 209, 167) }
```

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

```
.border{ border-color:rgb(251, 209, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 209, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 209, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 209, 167);  
box-shadow:4px 4px 4px 4px rgb(251, 209,  
167) }
```

Background

The CSS property to change the background color of an element to RYB 251, 251, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 209, 167) }
```

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

```
.background{ background-color: rgb(251,  
209, 167) }
```

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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