

Converting Colors

`RYB(249, 251, 132)`

Have a look what the booklet for
RYB(249, 251, 132) contains.

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Color

R_YB(249, 251, 132)

Conversions

Conversions Part 1

Format	Color
Hex	FBC084
RGB	251, 192, 132
RGB Percent	98%, 75%, 52%
CMY	0.0157, 0.2470, 0.4824
CMYK	0.00, 0.24, 0.47, 0.02
HSL	30°, 94%, 75%
HSV	30°, 47%, 98%
XYZ	62.7991, 59.8763, 30.0772
YIQ	202.8010, 54.4240, -6.1520

Conversions

Conversions Part 2

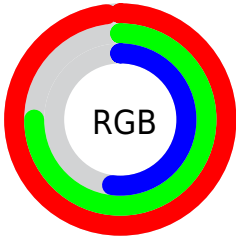
Format	Color
R _Y B	249, 251, 132
Decimal	16498820
CIE Lab	81.77, 14.06, 38.32
CIE LCh	82, 40.815, 69.849
Yxy	59.8763, 0.4111, 0.3920
Android (android.graphics.Color)	4294688900 (0xFFFB084)
YUV	202.8010, -34.9049, 42.2705
Hunter-Lab	77.3798, 9.4506, 31.1201

Details

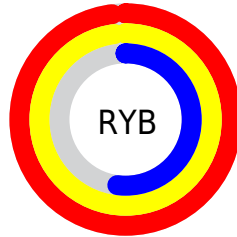
The RYB color **249, 251, 132** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **132, 171, 251**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **194, 255, 186**, and **182, 192, 81** is the 20% darker color. If you saturate the color by 10%, you get **247, 251, 107**, and if you desaturate by 10%, it is **251, 251, 157**.

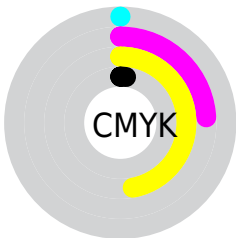
Distribution



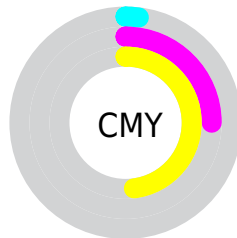
- Red (98%)
- Green (75%)
- Blue (52%)



- Red (98%)
- Yellow (98%)
- Blue (52%)



- Cyan (0%)
- Magenta (24%)
- Yellow (47%)
- Black (2%)



- Cyan (2%)
- Magenta (25%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 249, 251, 132 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 249, 251, 132 by changing the saturation by 10% instead.

 249, 251, 132

 249, 251, 132

255, 255, 255

 215, 221, 106

 194, 255, 186

 182, 192, 81

 214, 255, 214

 152, 163, 57

 242, 255, 242

 118, 135, 34

 83, 108, 8

 72, 81, 0

 55, 37, 0

 32, 0, 0

 0, 0, 0

■ 249, 251, 132

■ 249, 251, 132

■ 247, 251, 107

■ 251, 251, 157

■ 249, 251, 82

■ 249, 251, 182

■ 247, 251, 57

■ 251, 251, 207

■ 249, 251, 32

■ 249, 251, 232

■ 247, 251, 7

■ 251, 253, 255

■ 245, 251, 0

■ 251, 253, 255

Harmonies

Analogous

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



255, 188, 156



249, 251, 132



140, 216, 127

Triad

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



249, 251, 132



79, 154, 224



224, 189, 255

Complementary

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



249, 251, 132



132, 171, 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.



170, 194, 255



249, 251, 132



57, 146, 251

Square

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



249, 251, 132



128, 190, 222



106, 169, 255



255, 177, 231

Rectangle

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



249, 251, 132



136, 212, 159



106, 169, 255



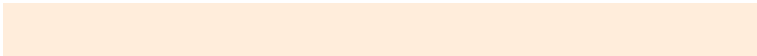
208, 193, 255

Sweetspot

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



249, 251, 132



255, 255, 219



251, 132, 192



128, 128, 106



0, 0, 0



128, 128, 128

Same Dimension

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



249, 251, 132



253, 255, 110



132, 251, 132



123, 125, 112



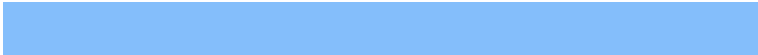
187, 189, 0



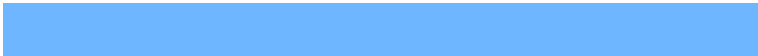
59, 61, 0

Inverse Universe

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



132, 171, 251



110, 158, 255



132, 132, 251



112, 117, 125



0, 63, 189



0, 20, 61

Previews

White Background



This preview shows how the RYB color 249, 251, 132 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 249, 251, 132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

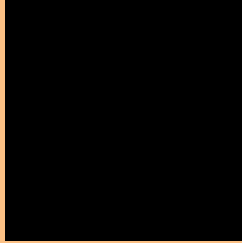
Any Text WCAG AA ✓ Pass

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 249, 251, 132 Background



This preview shows how black text looks on a background with the RYB color 249, 251, 132.


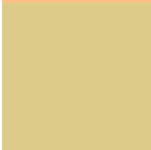




This preview shows how white text looks on a background with the RYB color 249, 251, 132.

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 249, 251, 132
	Protanopia 160, 221, 137
	Deuteranopia 220, 245, 131



Tritanopia
255, 185, 198

Trichromacy



Original Color

249, 251, 132

Protanomaly

185, 232, 135

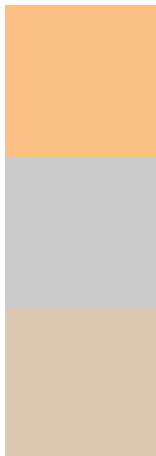
Deuteranomaly

229, 247, 131

Tritanomaly

254, 191, 174

Monochromacy



Original Color

249, 251, 132

Achromatopsia

203, 203, 203

Achromatomaly

218, 220, 177

CSS Examples

Text

The CSS property to change the color of the text to RYB 249, 251, 132 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, 192, 132)` looks like.

```
.text, #text, p{  
    color:rgb(251, 192, 132)  
}
```

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, 192, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 192, 132) }
```

Border

The CSS property to change the border of an element to RYB 249, 251, 132 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, 192, 132) }
```

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

```
.border{ border-color:rgb(251, 192, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 192, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 192, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 192, 132); box-shadow:4px 4px 4px 4px rgb(251, 192, 132) }
```

Background

The CSS property to change the background color of an element to RGB 249, 251, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 192, 132) }
```

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

```
.background{ background-color: rgb(251,  
192, 132) }
```

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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