

Converting Colors

`RYB(251, 253, 142)`

Have a look what the booklet for
RYB(251, 253, 142) contains.

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Color

R_YB(251, 253, 142)

Conversions

Conversions Part 1

Format	Color
Hex	FDC68E
RGB	253, 198, 142
RGB Percent	99%, 78%, 56%
CMY	0.0078, 0.2235, 0.4431
CMYK	0.00, 0.22, 0.44, 0.01
HSL	30°, 97%, 77%
HSV	30°, 44%, 99%
XYZ	65.5856, 63.2259, 34.3383
YIQ	208.0610, 50.7560, -5.7560

Conversions

Conversions Part 2

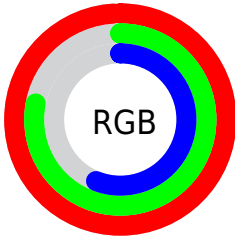
Format	Color
R _Y B	251, 253, 142
Decimal	16631438
CIE Lab	83.56, 12.69, 35.52
CIE LCh	84, 37.722, 70.338
Yxy	63.2259, 0.4020, 0.3875
Android (android.graphics.Color)	4294821518 (0xFFFDC68E)
YUV	208.0610, -32.5681, 39.4115
Hunter-Lab	79.5147, 8.0803, 30.0560

Details

The RYB color **251, 253, 142** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **142, 179, 253**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **196, 255, 196**, and **188, 194, 91** is the 20% darker color. If you saturate the color by 10%, you get **253, 253, 117**, and if you desaturate by 10%, it is **249, 253, 167**.

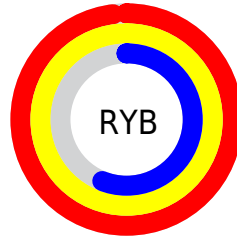
Distribution



Red (99%)

Green (78%)

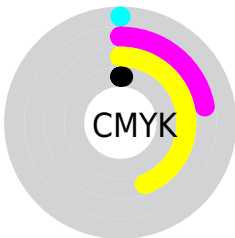
Blue (56%)



Red (98%)

Yellow (99%)

Blue (56%)

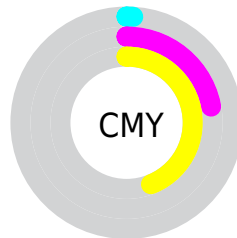


Cyan (0%)

Magenta (22%)

Yellow (44%)

Black (1%)



Cyan (1%)

Magenta (22%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 251, 253, 142 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, 253, 142 by changing the saturation by 10% instead.


 251, 253, 142

255, 255, 255

 196, 255, 196

 224, 255, 224

253, 255, 253


 251, 253, 142

 217, 223, 116

 188, 194, 91

 156, 166, 67

 125, 138, 43

 92, 110, 20

 63, 84, 0

 58, 51, 0

 34, 3, 0

 0, 0, 0

■ 251, 253, 142

■ 251, 253, 142

■ 253, 253, 117

■ 249, 253, 167

■ 249, 253, 91

■ 253, 253, 193

■ 251, 253, 66

■ 251, 253, 218

■ 249, 253, 41

■ 253, 253, 243

■ 249, 253, 15

253, 254, 255

■ 247, 253, 0

Harmonies

Analogous

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



255, 195, 164



251, 253, 142



151, 221, 138

Triad

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



251, 253, 142



100, 166, 228



229, 195, 255

Complementary

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



251, 253, 142



142, 179, 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.



179, 199, 255



251, 253, 142



88, 163, 253

Square

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



251, 253, 142



139, 197, 226



125, 179, 255



255, 185, 233

Rectangle

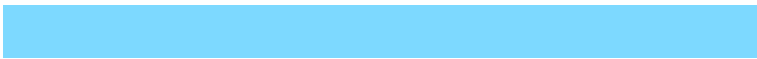
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



251, 253, 142



146, 217, 168



125, 179, 255



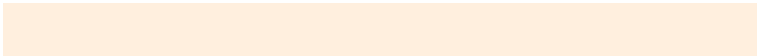
213, 199, 255

Sweetspot

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



251, 253, 142



253, 255, 222



253, 142, 197



128, 126, 107



0, 0, 0



128, 128, 128

Same Dimension

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



251, 253, 142



253, 255, 120



142, 253, 142



128, 126, 115



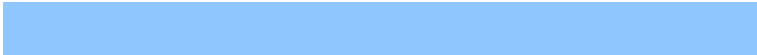
189, 191, 0



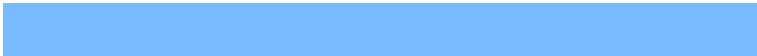
64, 64, 0

Inverse Universe

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



142, 179, 253



120, 165, 255



142, 142, 253



115, 119, 128



0, 63, 191



0, 21, 64

Previews

White Background



This preview shows how the RYB color 251, 253, 142 looks on a white background.

Color Contrast Check

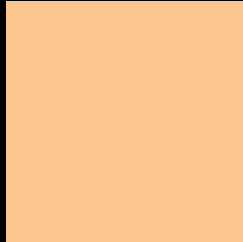
Large Text (above 18pt) WCAG AA × Fail

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, 253, 142 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, 253, 142 Background



This preview shows how black text looks on a background with the RYB color 251, 253, 142.




This preview shows how white text looks on a background with the RYB color 251, 253, 142.

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, 253, 142
	Protanopia 168, 225, 146
	Deuteranopia 232, 249, 142



Tritanopia
255, 192, 205

Trichromacy



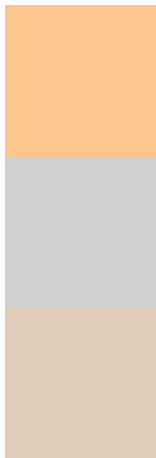
Original Color
251, 253, 142

Protanomaly
192, 235, 145

Deuteranomaly
239, 250, 142

Tritanomaly
254, 196, 182

Monochromacy



Original Color
251, 253, 142

Achromatopsia
208, 208, 208

Achromatomaly
224, 224, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 251, 253, 142 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, 198, 142)` looks like.

```
.text, #text, p{  
    color:rgb(253, 198, 142)  
}
```

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, 198, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 198, 142) }
```

Border

The CSS property to change the border of an element to RYB 251, 253, 142 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, 198, 142) }
```

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

```
.border{ border-color:rgb(253, 198, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 198, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 198, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 198, 142);  
box-shadow:4px 4px 4px 4px rgb(253, 198,  
142) }
```

Background

The CSS property to change the background color of an element to RGB 253, 198, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 198, 142) }
```

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

```
.background{ background-color: rgb(253,  
198, 142) }
```

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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