

Converting Colors

`RYB(245, 255, 140)`

Have a look what the booklet for
RYB(245, 255, 140) contains.

RYB(245, 255, 140)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(245, 255, 140)

Conversions

Conversions Part 1

Format	Color
Hex	FFC88C
RGB	255, 200, 140
RGB Percent	100%, 78%, 55%
CMY	0.0000, 0.2152, 0.4510
CMYK	0.00, 0.22, 0.45, 0.00
HSL	31°, 100%, 77%
HSV	31°, 45%, 100%
XYZ	66.6542, 64.5147, 33.7505
YIQ	209.6050, 52.0400, -7.0000

Conversions

Conversions Part 2

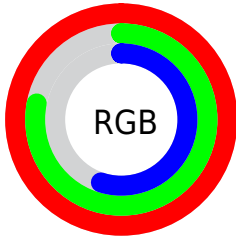
Format	Color
R _Y B	245, 255, 140
Decimal	16763020
CIE Lab	84.23, 12.18, 37.46
CIE LCh	84, 39.393, 71.985
Yxy	64.5147, 0.4042, 0.3912
Android (android.graphics.Color)	4294953100 (0xFFFFC88C)
YUV	209.6050, -34.3153, 39.8114
Hunter-Lab	80.3210, 7.5661, 31.3114

Details

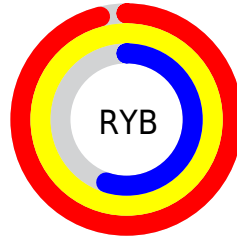
The RYB color **245, 255, 140** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **140, 177, 255**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **194, 255, 194**, and **183, 196, 89** is the 20% darker color. If you saturate the color by 10%, you get **243, 255, 115**, and if you desaturate by 10%, it is **249, 255, 166**.

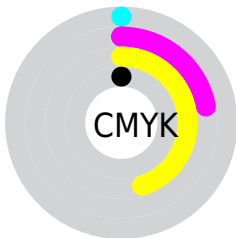
Distribution



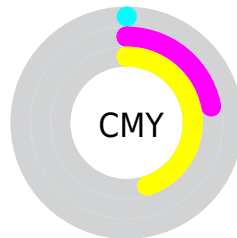
- Red (100%)
- Green (78%)
- Blue (55%)



- Red (96%)
- Yellow (100%)
- Blue (55%)



- Cyan (0%)
- Magenta (22%)
- Yellow (45%)
- Black (0%)



- Cyan (0%)
- Magenta (22%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 245, 255, 140 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 245, 255, 140 by changing the saturation by 10% instead.

 245, 255, 140

 245, 255, 140

255, 255, 255

 212, 225, 114

 194, 255, 194

 183, 196, 89

 222, 255, 222

 149, 167, 65

 251, 255, 251

 118, 139, 41

 86, 112, 17

 62, 85, 0

 59, 53, 0

 35, 6, 0

 0, 0, 0

■ 245, 255, 140

■ 245, 255, 140

■ 243, 255, 115

■ 249, 255, 166

■ 240, 255, 89

■ 251, 255, 191

■ 238, 255, 64

■ 251, 255, 217

■ 238, 255, 38

■ 253, 255, 242

■ 236, 255, 13

255, 255, 255

■ 234, 255, 0

Harmonies

Analogous

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



255, 198, 162



245, 255, 140



146, 221, 137

Triad

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



245, 255, 140



92, 163, 230



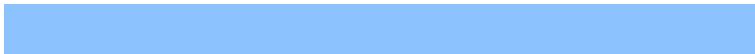
234, 195, 255

Complementary

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



245, 255, 140



140, 177, 255

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.



182, 202, 255



245, 255, 140



81, 161, 255

Square

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



245, 255, 140



135, 196, 229



124, 179, 255



255, 185, 234

Rectangle

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



245, 255, 140



146, 220, 172



124, 179, 255



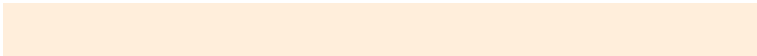
218, 200, 255

Sweetspot

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



245, 255, 140



251, 255, 219



255, 140, 196



128, 128, 106



0, 0, 0



128, 128, 128

Same Dimension

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



245, 255, 140



244, 255, 117



140, 255, 142



128, 126, 115



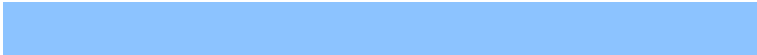
174, 191, 0



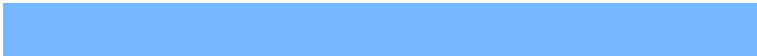
60, 64, 0

Inverse Universe

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



140, 177, 255



117, 162, 255



142, 140, 255



115, 119, 128



0, 62, 191



0, 20, 64

Previews

White Background



This preview shows how the RYB color 245, 255, 140 looks on a white background.

Color Contrast Check

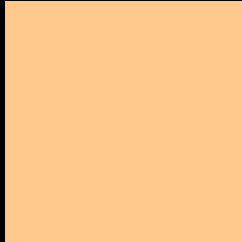
Large Text (above 18pt) WCAG AA × Fail

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 245, 255, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

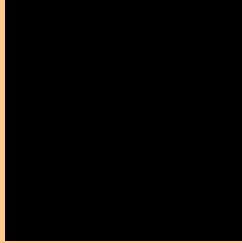
Any Text WCAG AA ✓ Pass

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 245, 255, 140 Background



This preview shows how black text looks on a background with the RYB color 245, 255, 140.

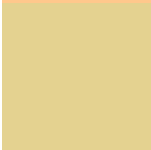



This preview shows how white text looks on a background with the RYB color 245, 255, 140.

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 245, 255, 140
	Protanopia 167, 228, 144
	Deuteranopia 234, 252, 140



Tritanopia
255, 194, 207

Trichromacy



Original Color

245, 255, 140

Protanomaly

191, 238, 143

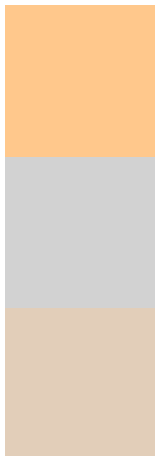
Deuteranomaly

236, 253, 140

Tritanomaly

255, 199, 183

Monochromacy



Original Color

245, 255, 140

Achromatopsia

210, 210, 210

Achromatomaly

224, 226, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 255, 140 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(255, 200, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 140)  
}
```

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(255, 200, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 140) }
```

Border

The CSS property to change the border of an element to RYB 245, 255, 140 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(255, 200, 140) }
```

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

```
.border{ border-color:rgb(255, 200, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 200, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
140) }
```

Background

The CSS property to change the background color of an element to RYB 245, 255, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 140) }
```

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

```
.background{ background-color: rgb(255,  
200, 140) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor