

Converting Colors

`RYB(225, 255, 140)`

Have a look what the booklet for
RYB(225, 255, 140) contains.

RYB(225, 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(225, 255, 140)

Conversions

Conversions Part 1

Format	Color
Hex	FFCE8C
RGB	255, 206, 140
RGB Percent	100%, 81%, 55%
CMY	0.0000, 0.1917, 0.4510
CMYK	0.00, 0.19, 0.45, 0.00
HSL	34°, 100%, 77%
HSV	34°, 45%, 100%
XYZ	68.0750, 67.3563, 34.2241
YIQ	213.1270, 50.3900, -10.1380

Conversions

Conversions Part 2

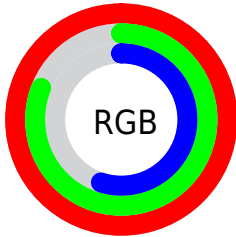
Format	Color
R _Y B	225, 255, 140
Decimal	16764556
CIE Lab	85.68, 9.06, 39.33
CIE LCh	86, 40.364, 77.022
Yxy	67.3563, 0.4013, 0.3970
Android (android.graphics.Color)	4294954636 (0xFFFFCE8C)
YUV	213.1270, -36.0516, 36.7226
Hunter-Lab	82.0709, 4.4358, 32.7253

Details

The RYB color **225, 255, 140** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **140, 174, 255**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **194, 255, 194**, and **164, 196, 89** is the 20% darker color. If you saturate the color by 10%, you get **220, 255, 115**, and if you desaturate by 10%, it is **232, 255, 166**.

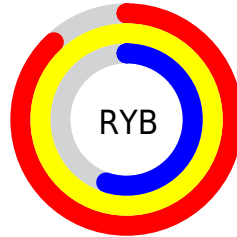
Distribution



Red (100%)

Green (81%)

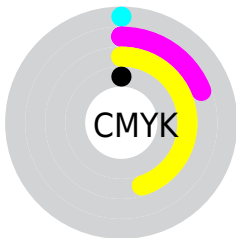
Blue (55%)



Red (88%)

Yellow (100%)

Blue (55%)

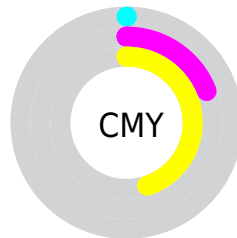


Cyan (0%)

Magenta (19%)

Yellow (45%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 225, 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 225, 255, 140 by changing the saturation by 10% instead.

 225, 255, 140

 225, 255, 140

255, 255, 255

 193, 225, 114

 194, 255, 194


 164, 196, 89

 223, 255, 223

 134, 168, 64

 251, 255, 251

 104, 140, 40

 71, 112, 16

 48, 86, 0

 49, 60, 0

 35, 21, 0

 0, 0, 0

■ 225, 255, 140

■ 225, 255, 140

■ 220, 255, 115

■ 232, 255, 166

■ 213, 255, 89

■ 238, 255, 191

■ 205, 255, 64

■ 245, 255, 217

■ 198, 255, 38

■ 253, 255, 242

■ 192, 255, 13

255, 255, 255

■ 187, 255, 0

Harmonies

Analogous

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



255, 211, 160



225, 255, 140



140, 219, 141

Triad

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



225, 255, 140



86, 161, 235



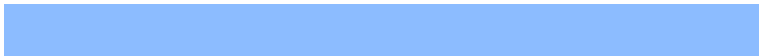
246, 197, 255

Complementary

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



225, 255, 140



140, 174, 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.



195, 207, 255



225, 255, 140



84, 163, 255

Square

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



225, 255, 140



128, 193, 234



135, 186, 255



255, 187, 232

Rectangle

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



225, 255, 140



152, 226, 188



135, 186, 255



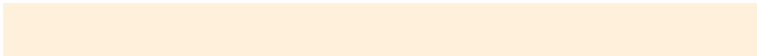
231, 201, 255

Sweetspot

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



225, 255, 140



245, 255, 219



255, 140, 190



124, 128, 106



0, 0, 0



128, 128, 128

Same Dimension

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



225, 255, 140



220, 255, 117



140, 255, 148



126, 128, 115



141, 191, 0



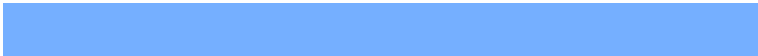
47, 64, 0

Inverse Universe

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



140, 174, 255



117, 158, 255



148, 140, 255



115, 119, 128



0, 57, 191



0, 19, 64

Previews

White Background



This preview shows how the RYB color 225, 255, 140 looks on a white background.

Color Contrast Check

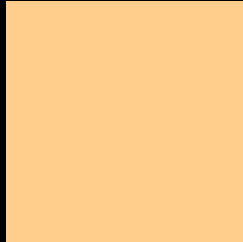
Large Text (above 18pt) WCAG AA × Fail

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 225, 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 225, 255, 140 Background



This preview shows how black text looks on a background with the RYB color 225, 255, 140.






This preview shows how white text looks on a background with the RYB color 225, 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 225, 255, 140
	Protanopia 167, 233, 143
	Deuteranopia 237, 255, 147



Tritanopia
255, 200, 213

Trichromacy



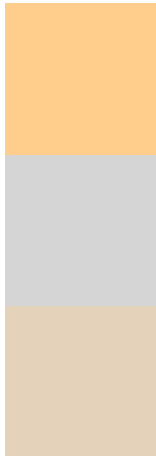
Original Color
225, 255, 140

Protanomaly
185, 241, 142

Deuteranomaly
232, 255, 144

Tritanomaly
255, 207, 186

Monochromacy



Original Color
225, 255, 140

Achromatopsia
213, 213, 213

Achromatomaly
215, 228, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 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, 206, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 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, 206, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 140) }
```

Border

The CSS property to change the border of an element to RYB 225, 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, 206, 140) }
```

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

```
.border{ border-color:rgb(255, 206, 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, 206, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
140) }
```

Background

The CSS property to change the background color of an element to RGB 225, 206, 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, 206, 140) }
```

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

```
.background{ background-color: rgb(255,  
206, 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](#).

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