

Converting Colors

`RYB(221, 255, 135)`

Have a look what the booklet for
RYB(221, 255, 135) contains.

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Color

R_YB(221, 255, 135)

Conversions

Conversions Part 1

Format	Color
Hex	FFCD87
RGB	255, 205, 135
RGB Percent	100%, 80%, 53%
CMY	0.0000, 0.1965, 0.4706
CMYK	0.00, 0.20, 0.47, 0.00
HSL	35°, 100%, 76%
HSV	35°, 47%, 100%
XYZ	67.4213, 66.6255, 32.2282
YIQ	211.9700, 52.2700, -11.1700

Conversions

Conversions Part 2

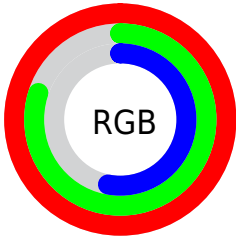
Format	Color
R _Y B	221, 255, 135
Decimal	16764295
CIE Lab	85.31, 9.22, 41.39
CIE LCh	85, 42.407, 77.444
Yxy	66.6255, 0.4055, 0.4007
Android (android.graphics.Color)	4294954375 (0xFFFFCD87)
YUV	211.9700, -37.9462, 37.7373
Hunter-Lab	81.6244, 4.5971, 33.7273

Details

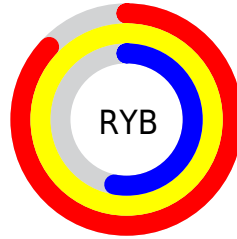
The RYB color **221, 255, 135** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **135, 170, 255**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **189, 255, 189**, and **159, 196, 84** is the 20% darker color. If you saturate the color by 10%, you get **215, 255, 110**, and if you desaturate by 10%, it is **228, 255, 161**.

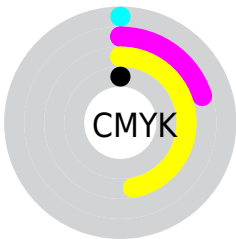
Distribution



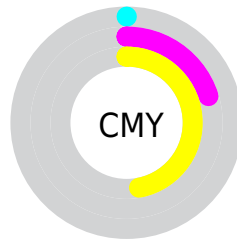
- Red (100%)
- Green (80%)
- Blue (53%)



- Red (87%)
- Yellow (100%)
- Blue (53%)



- Cyan (0%)
- Magenta (20%)
- Yellow (47%)
- Black (0%)




- Cyan (0%)
- Magenta (20%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 221, 255, 135 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 221, 255, 135 by changing the saturation by 10% instead.

 221, 255, 135

 221, 255, 135

255, 255, 255

 191, 225, 109

 189, 255, 189


 159, 196, 84

 217, 255, 217

 128, 167, 59

 246, 255, 246

 97, 139, 35

 63, 112, 8

 49, 85, 0

 50, 59, 0

 34, 16, 0

 0, 0, 0

■ 221, 255, 135

■ 221, 255, 135

■ 215, 255, 110

■ 228, 255, 161

■ 205, 255, 84

■ 236, 255, 186

■ 198, 255, 58

■ 243, 255, 212

■ 193, 255, 33

■ 251, 255, 237

■ 185, 255, 8

255, 255, 255

■ 181, 255, 0

Harmonies

Analogous

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



255, 210, 156



221, 255, 135



136, 218, 138

Triad

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



221, 255, 135



71, 153, 236



247, 194, 255

Complementary

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



221, 255, 135



135, 170, 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.



194, 206, 255



221, 255, 135



68, 155, 255

Square

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



221, 255, 135



121, 190, 234



128, 182, 255



255, 184, 232

Rectangle

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



221, 255, 135



148, 225, 186



128, 182, 255



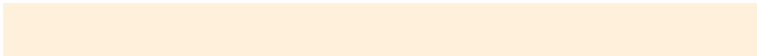
231, 199, 255

Sweetspot

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



221, 255, 135



245, 255, 219



255, 135, 187



124, 128, 106



0, 0, 0



128, 128, 128

Same Dimension

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



221, 255, 135



215, 255, 112



135, 255, 143



126, 128, 115



138, 191, 0



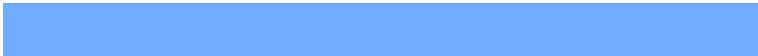
47, 64, 0

Inverse Universe

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



135, 170, 255



112, 154, 255



143, 135, 255



115, 119, 128



0, 56, 191



0, 19, 64

Previews

White Background



This preview shows how the RYB color 221, 255, 135 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 221, 255, 135 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 221, 255, 135 Background



This preview shows how black text looks on a background with the RYB color 221, 255, 135.





This preview shows how white text looks on a background with the RYB color 221, 255, 135.

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 221, 255, 135
	Protanopia 162, 232, 138
	Deuteranopia 233, 255, 141



Tritanopia
255, 199, 211

Trichromacy



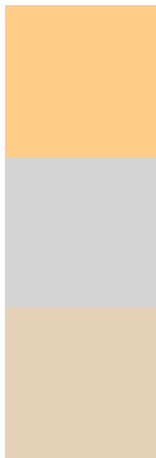
Original Color
221, 255, 135

Protanomaly
179, 240, 137

Deuteranomaly
230, 255, 139

Tritanomaly
255, 207, 183

Monochromacy



Original Color
221, 255, 135

Achromatopsia
212, 212, 212

Achromatomaly
217, 228, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 221, 255, 135 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, 205, 135)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 135)  
}
```

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, 205, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 135) }
```

Border

The CSS property to change the border of an element to RYB 221, 255, 135 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, 205, 135) }
```

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

```
.border{ border-color:rgb(255, 205, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 205, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 135);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
135) }
```

Background

The CSS property to change the background color of an element to RGB 221, 255, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 135) }
```

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

```
.background{ background-color: rgb(255,  
205, 135) }
```

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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