

Converting Colors

`RYB(220, 235, 141)`

Have a look what the booklet for
RYB(220, 235, 141) contains.

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Color

RYB(220, 235, 141)

Conversions

Conversions Part 1

Format	Color
Hex	EBC08D
RGB	235, 192, 141
RGB Percent	92%, 75%, 55%
CMY	0.0784, 0.2468, 0.4471
CMYK	0.00, 0.18, 0.40, 0.08
HSL	33°, 70%, 74%
HSV	33°, 40%, 92%
XYZ	57.9348, 57.3175, 33.2092
YIQ	199.0430, 41.9990, -6.7450

Conversions

Conversions Part 2

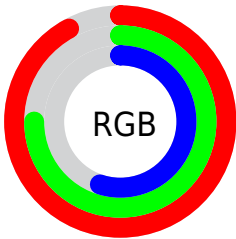
Format	Color
R _{YB}	220, 235, 141
Decimal	15450253
CIE Lab	80.36, 8.60, 31.51
CIE LCh	80, 32.662, 74.727
Yxy	57.3175, 0.3902, 0.3861
Android (android.graphics.Color)	4293640333 (0xFFEBC08D)
YUV	199.0430, -28.6152, 31.5343
Hunter-Lab	75.7083, 4.1052, 26.9885

Details

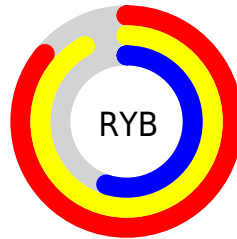
The RYB color **220, 235, 141** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **141, 171, 235**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **203, 255, 195**, and **160, 178, 90** is the 20% darker color. If you saturate the color by 10%, you get **218, 235, 118**, and if you desaturate by 10%, it is **224, 235, 165**.

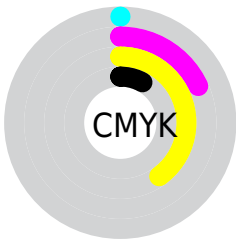
Distribution



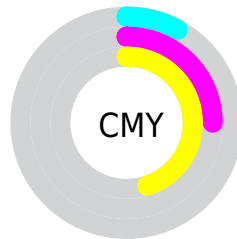
- Red (92%)
- Green (75%)
- Blue (55%)



- Red (86%)
- Yellow (92%)
- Blue (55%)



- Cyan (0%)
- Magenta (18%)
- Yellow (40%)
- Black (8%)



- Cyan (8%)
- Magenta (25%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 220, 235, 141 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 220, 235, 141 by changing the saturation by 10% instead.

 220, 235, 141


255, 255, 255

 203, 255, 195

 223, 255, 223

 252, 255, 252

 220, 235, 141

 190, 206, 115

 160, 178, 90

 132, 150, 66

 102, 123, 43

 72, 96, 20

 46, 71, 0

 46, 46, 0

 21, 0, 0


 0, 0, 0

 220, 235, 141

 220, 235, 141

 218, 235, 118


 224, 235, 165

 211, 235, 94


 226, 235, 188

 209, 235, 71

 233, 235, 212

 206, 235, 47

 235, 235, 235

 202, 235, 23

 235, 242, 255

 196, 235, 0

 235, 245, 255

Harmonies

Analogous

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



255, 190, 158



220, 235, 141



144, 206, 140

Triad

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



220, 235, 141



108, 163, 216



222, 186, 243

Complementary

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



220, 235, 141



141, 171, 235

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, 194, 255



220, 235, 141



107, 166, 241

Square

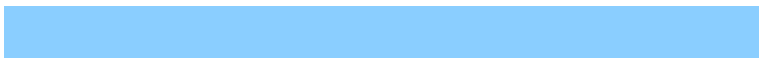
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



220, 235, 141



136, 186, 215



138, 181, 255



250, 178, 216

Rectangle

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



220, 235, 141



148, 208, 173



138, 181, 255



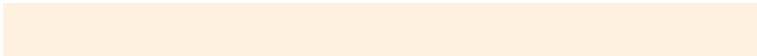
210, 190, 249

Sweetspot

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



220, 235, 141



250, 255, 224



235, 141, 185



128, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



220, 235, 141



237, 255, 133



141, 235, 144



115, 117, 106



153, 181, 0



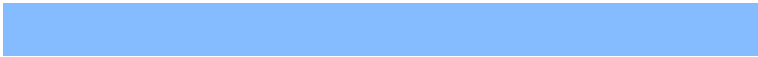
47, 54, 0

Inverse Universe

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



141, 171, 235



133, 171, 255



144, 141, 235



106, 109, 117



0, 57, 181



0, 17, 54

Previews

White Background



This preview shows how the RYB color 220, 235, 141 looks on a white background.

Color Contrast Check

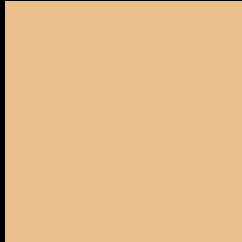
Large Text (above 18pt) WCAG AA × Fail

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 220, 235, 141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

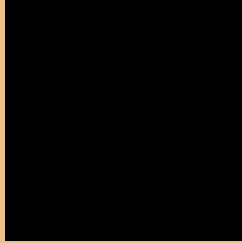
Any Text WCAG AA ✓ Pass

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 220, 235, 141 Background



This preview shows how black text looks on a background with the RYB color 220, 235, 141.



This preview shows how white text looks on a background with the RYB color 220, 235, 141.

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
220, 235, 141

Protanopia
165, 215, 144

Deuteranopia
229, 237, 141



Tritanopia
241, 184, 199

Trichromacy



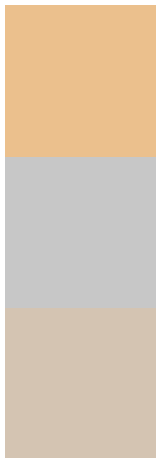
Original Color
220, 235, 141

Protanomaly
182, 222, 143

Deuteranomaly
227, 236, 141

Tritanomaly
239, 189, 178

Monochromacy



Original Color
220, 235, 141

Achromatopsia
199, 199, 199

Achromatomaly
208, 212, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 220, 235, 141 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(235, 192, 141)` looks like.

```
.text, #text, p{  
    color:rgb(235, 192, 141)  
}
```

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(235, 192, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 192, 141) }
```

Border

The CSS property to change the border of an element to RYB 220, 235, 141 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(235, 192, 141) }
```

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

```
.border{ border-color:rgb(235, 192, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 192, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 192, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 192, 141);  
box-shadow:4px 4px 4px 4px rgb(235, 192,  
141) }
```

Background

The CSS property to change the background color of an element to RGB 235, 192, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 192, 141) }
```

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

```
.background{ background-color: rgb(235,  
192, 141) }
```

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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