

Converting Colors

`RYB(210, 223, 134)`

Have a look what the booklet for
RYB(210, 223, 134) contains.

RYB(210, 223, 134)	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(210, 223, 134)

Conversions

Conversions Part 1

Format	Color
Hex	DFB686
RGB	223, 182, 134
RGB Percent	87%, 71%, 53%
CMY	0.1255, 0.2863, 0.4745
CMYK	0.00, 0.18, 0.40, 0.13
HSL	32°, 58%, 70%
HSV	32°, 40%, 87%
XYZ	51.4637, 50.8676, 29.6603
YIQ	188.7870, 39.8440, -6.2360

Conversions

Conversions Part 2

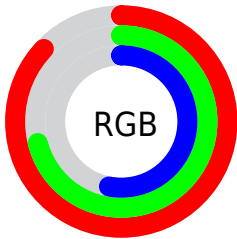
Format	Color
R _Y B	210, 223, 134
Decimal	14661254
CIE Lab	76.60, 8.40, 30.00
CIE LCh	77, 31.157, 74.368
Yxy	50.8676, 0.3899, 0.3854
Android (android.graphics.Color)	4292851334 (0xFFDFB686)
YUV	188.7870, -27.0100, 30.0048
Hunter-Lab	71.3215, 3.9882, 25.2683

Details

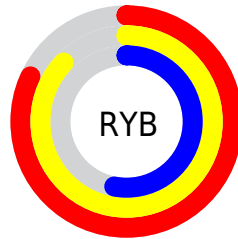
The RYB color **210, 223, 134** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **134, 162, 223**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **211, 255, 188**, and **151, 166, 84** is the 20% darker color. If you saturate the color by 10%, you get **206, 223, 112**, and if you desaturate by 10%, it is **214, 223, 156**.

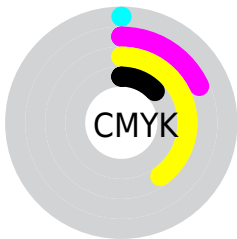
Distribution



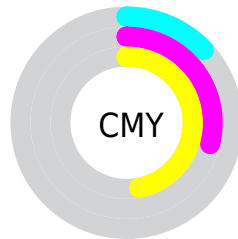
- Red (87%)
- Green (71%)
- Blue (53%)



- Red (82%)
- Yellow (87%)
- Blue (53%)



- Cyan (0%)
- Magenta (18%)
- Yellow (40%)
- Black (13%)



- Cyan (13%)
- Magenta (29%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 210, 223, 134 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 210, 223, 134 by changing the saturation by 10% instead.


 210, 223, 134

 210, 223, 134


255, 255, 255

 179, 194, 108

 211, 255, 188

 151, 166, 84

 215, 255, 215

 123, 139, 60

 244, 255, 244

 93, 112, 37

 64, 86, 15

 42, 61, 0

 36, 29, 0


 0, 0, 0

 210, 223, 134


 210, 223, 134

 206, 223, 112

 214, 223, 156

 204, 223, 89


 216, 223, 179

 201, 223, 67

 219, 223, 201

 197, 223, 45

 223, 223, 223

 192, 223, 22

 223, 230, 245

 191, 223, 0

 223, 236, 255

 223, 239, 255

 223, 239, 255

Harmonies

Analogous

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



242, 181, 150



210, 223, 134



136, 195, 133

Triad

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



210, 223, 134



104, 155, 205



210, 177, 230

Complementary

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



210, 223, 134



134, 162, 223

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.



172, 184, 245



210, 223, 134



102, 158, 228

Square

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



210, 223, 134



130, 177, 204



130, 172, 244



237, 169, 205

Rectangle

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



210, 223, 134



141, 197, 164



130, 172, 244



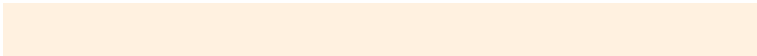
199, 180, 237

Sweetspot

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



210, 223, 134



250, 255, 224



223, 134, 176



128, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



210, 223, 134



237, 255, 133



134, 223, 137



110, 112, 101



150, 176, 0



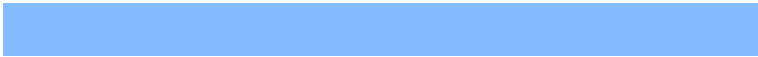
41, 48, 0

Inverse Universe

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



134, 162, 223



133, 171, 255



137, 134, 223



101, 104, 112



0, 55, 176



0, 15, 48

Previews

White Background



This preview shows how the RYB color 210, 223, 134 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 210, 223, 134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

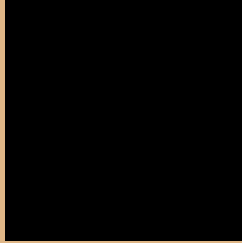
Any Text WCAG AA ✓ Pass

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 210, 223, 134 Background



This preview shows how black text looks on a background with the RYB color 210, 223, 134.



This preview shows how white text looks on a background with the RYB color 210, 223, 134.

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
210, 223, 134

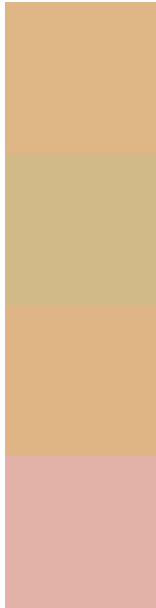
Protanopia
155, 203, 137

Deuteranopia
219, 225, 134



Tritanopia
228, 175, 188

Trichromacy



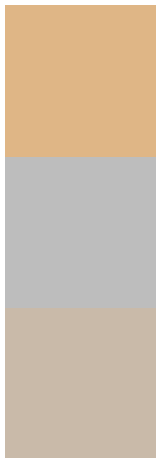
Original Color
210, 223, 134

Protanomaly
172, 210, 136

Deuteranomaly
216, 224, 134

Tritanomaly
226, 180, 168

Monochromacy



Original Color
210, 223, 134

Achromatopsia
189, 189, 189

Achromatomaly
197, 201, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 223, 134 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(223, 182, 134)` looks like.

```
.text, #text, p{  
    color:rgb(223, 182, 134)  
}
```

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(223, 182, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 182, 134) }
```

Border

The CSS property to change the border of an element to RYB 210, 223, 134 is called "border". The border property can be set on classes, ids or directly on the HTML element.

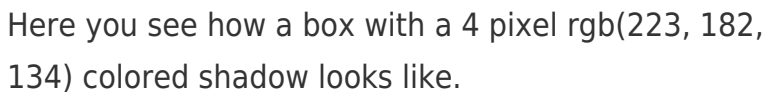
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(223, 182, 134) }
```

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

```
.border{ border-color:rgb(223, 182, 134) }
```

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



Here you see how a box with a 4 pixel `rgb(223, 182, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 182, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 182, 134);  
box-shadow:4px 4px 4px 4px rgb(223, 182,  
134) }
```

Background

The CSS property to change the background color of an element to RGB 210, 223, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 182, 134) }
```

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

```
.background{ background-color: rgb(223,  
182, 134) }
```

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