

Converting Colors

`RYB(185, 211, 154)`

Have a look what the booklet for
RYB(185, 211, 154) contains.

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Color

$\text{RYB}(185, 211, 154)$

Conversions

Conversions Part 1

Format	Color
Hex	D3BF9A
RGB	211, 191, 154
RGB Percent	83%, 75%, 60%
CMY	0.1725, 0.2513, 0.3961
CMYK	0.00, 0.10, 0.27, 0.17
HSL	39°, 39%, 72%
HSV	39°, 27%, 83%
XYZ	51.3102, 53.4089, 38.1765
YIQ	192.7620, 23.7970, -7.2670

Conversions

Conversions Part 2

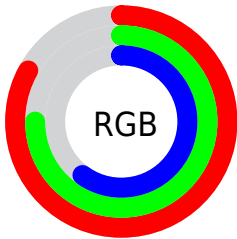
Format	Color
RYB	185, 211, 154
Decimal	13877146
CIELab	78.12, 1.45, 21.24
CIELCh	78, 21.289, 86.092
Yxy	53.4089, 0.3591, 0.3738
Android (android.graphics.Color)	4292067226 (0xFFD3BF9A)
YUV	192.7620, -19.1097, 15.9947
Hunter-Lab	73.0814, -2.5683, 20.1849

Details

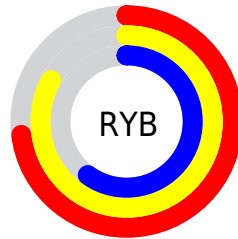
The RYB color **185, 211, 154** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **154, 169, 211**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **219, 255, 209**, and **130, 156, 103** is the 20% darker color. If you saturate the color by 10%, you get **177, 211, 133**, and if you desaturate by 10%, it is **195, 211, 175**.

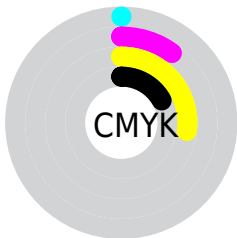
Distribution



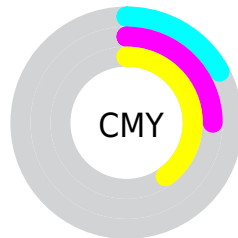
- Red (83%)
- Green (75%)
- Blue (60%)



- Red (73%)
- Yellow (83%)
- Blue (60%)



- Cyan (0%)
- Magenta (10%)
- Yellow (27%)
- Black (17%)



- Cyan (17%)
- Magenta (25%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the RYB color 185, 211, 154 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 185, 211, 154 by changing the saturation by 10% instead.


 185, 211, 154

 185, 211, 154


255, 255, 255


 157, 183, 128


 219, 255, 209

 130, 156, 103

 237, 255, 237

 104, 129, 78

 79, 104, 55

 53, 79, 33

 29, 55, 12

 17, 33, 0

 0, 0, 0

 185, 211, 154


 185, 211, 154


 177, 211, 133


 195, 211, 175

 166, 211, 112

 204, 211, 196

 156, 211, 91

 211, 213, 217


 147, 211, 70

 211, 218, 238


 137, 211, 49


 211, 223, 255


 128, 211, 27


 211, 227, 255

 117, 211, 6

 211, 230, 255

 114, 211, 0

 211, 232, 255

 211, 233, 255

Harmonies

Analogous

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



227, 199, 161



185, 211, 154



157, 197, 164

Triad

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



185, 211, 154



139, 173, 210



216, 183, 215

Complementary

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



185, 211, 154



154, 169, 211

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.



193, 189, 229



185, 211, 154



146, 178, 225

Square

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



185, 211, 154



148, 180, 204



167, 187, 232



231, 179, 197

Rectangle

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



185, 211, 154



165, 201, 191



167, 187, 232



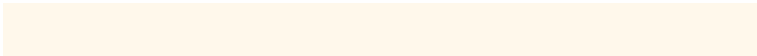
210, 185, 221

Sweetspot

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



185, 211, 154



246, 255, 235



211, 154, 175



123, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



185, 211, 154



218, 255, 173



154, 211, 162



100, 105, 94



91, 168, 0



24, 41, 0

Inverse Universe

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



154, 169, 211



173, 194, 255



162, 154, 211



94, 97, 105



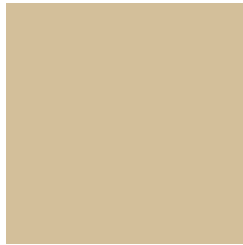
0, 44, 168



0, 10, 41

Previews

White Background



This preview shows how the RYB color 185, 211, 154 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 185, 211, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

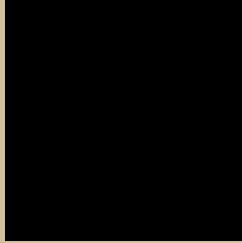
Any Text WCAG AA ✓ Pass

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 185, 211, 154 Background



This preview shows how black text looks on a background with the RYB color 185, 211, 154.



This preview shows how white text looks on a background with the RYB color 185, 211, 154.

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
185, 211, 154

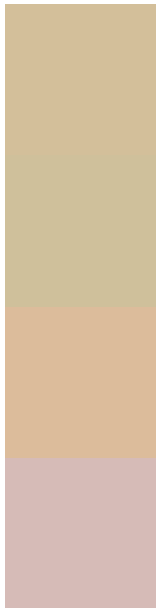
Protanopia
171, 205, 155

Deuteranopia
225, 211, 155



Tritanopia
216, 185, 199

Trichromacy



Original Color

185, 211, 154

Protanomaly

176, 207, 155

Deuteranomaly

218, 220, 155

Tritanomaly

214, 188, 183

Monochromacy



Original Color

185, 211, 154

Achromatopsia

193, 193, 193

Achromatomaly

192, 200, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 211, 154 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(211, 191, 154)` looks like.

```
.text, #text, p{  
    color:rgb(211, 191, 154)  
}
```

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(211, 191, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 191, 154) }
```

Border

The CSS property to change the border of an element to RYB 185, 211, 154 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(211, 191, 154) }
```

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

```
.border{ border-color:rgb(211, 191, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 191, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 191, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 191, 154);  
box-shadow:4px 4px 4px 4px rgb(211, 191,  
154) }
```

Background

The CSS property to change the background color of an element to RYB 185, 211, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 191, 154) }
```

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

```
.background{ background-color: rgb(211,  
191, 154) }
```

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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