

Converting Colors

`RYB(141, 214, 154)`

Have a look what the booklet for
RYB(141, 214, 154) contains.

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Color

R_YB(141, 214, 154)

Conversions

Conversions Part 1

Format	Color
Hex	C9D68D
RGB	201, 214, 141
RGB Percent	79%, 84%, 55%
CMY	0.2118, 0.1608, 0.4471
CMYK	0.06, 0.00, 0.34, 0.16
HSL	71°, 47%, 70%
HSV	71°, 34%, 84%
XYZ	52.9417, 62.4337, 34.4599
YIQ	201.7910, 15.6850, -25.4590

Conversions

Conversions Part 2

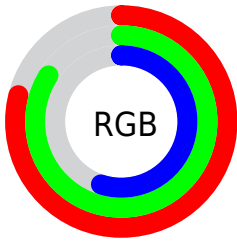
Format	Color
RYB	141, 214, 154
Decimal	13227661
CIELab	83.14, -15.95, 34.64
CIElCh	83, 38.137, 114.723
Yxy	62.4337, 0.3533, 0.4167
Android (android.graphics.Color)	4291417741 (0xFFC9D68D)
YUV	201.7910, -29.9700, -0.6937
Hunter-Lab	79.0150, -18.6776, 29.4531

Details

The RYB color **141, 214, 154** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **154, 141, 214**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **195, 255, 195**, and **90, 159, 103** is the 20% darker color. If you saturate the color by 10%, you get **120, 214, 137**, and if you desaturate by 10%, it is **162, 214, 171**.

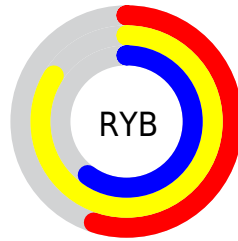
Distribution



Red (79%)

Green (84%)

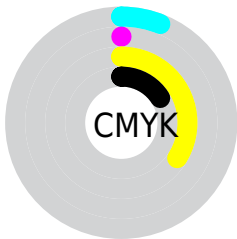
Blue (55%)



Red (55%)

Yellow (84%)

Blue (60%)

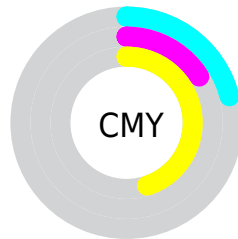


Cyan (6%)

Magenta (0%)

Yellow (34%)

Black (16%)



Cyan (21%)


Magenta (16%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 141, 214, 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 141, 214, 154 by changing the saturation by 10% instead.


 141, 214, 154

 141, 214, 154

255, 255, 255

 115, 186, 128


 195, 255, 195

 90, 159, 103


 224, 255, 224


 65, 133, 78


 252, 255, 252

 41, 108, 55

 17, 84, 32

 0, 61, 15

 0, 39, 17

 0, 19, 19

 0, 0, 0

 141, 214, 154

 141, 214, 154

 120, 214, 137

 162, 214, 171

 98, 214, 119

 184, 214, 189

 77, 214, 101

 205, 214, 207

 55, 214, 83

 216, 214, 227

 34, 214, 66

 220, 214, 248

 13, 214, 49

 224, 214, 255

 0, 214, 38

 228, 214, 255

 231, 214, 255

 235, 214, 255

Harmonies

Analogous

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



189, 238, 136



141, 214, 154



159, 217, 222

Triad

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



141, 214, 154



98, 167, 255



255, 180, 215

Complementary

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



141, 214, 154



154, 141, 214

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.



247, 188, 249



141, 214, 154



148, 188, 255

Square

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



141, 214, 154



84, 157, 236



203, 200, 255



255, 182, 179

Rectangle

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



141, 214, 154



131, 190, 225



203, 200, 255



255, 182, 227

Sweetspot

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



141, 214, 154



230, 255, 235



214, 155, 141



112, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



141, 214, 154



150, 255, 169



141, 214, 190



96, 107, 98



0, 171, 31



0, 43, 7

Inverse Universe

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



154, 141, 214



169, 150, 255



190, 141, 214



98, 96, 107



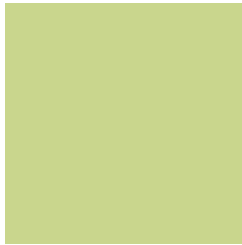
30, 0, 171



8, 0, 43

Previews

White Background



This preview shows how the RYB color 141, 214, 154 looks on a white background.

Color Contrast Check

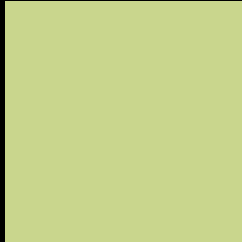
Large Text (above 18pt) WCAG AA × Fail

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 141, 214, 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 141, 214, 154 Background



This preview shows how black text looks on a background with the RYB color 141, 214, 154.

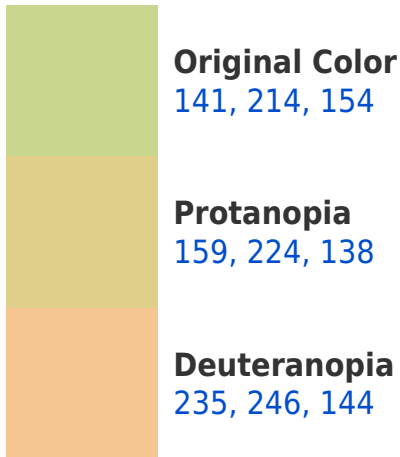


This preview shows how white text looks on a background with the RYB color 141, 214, 154.

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](#).

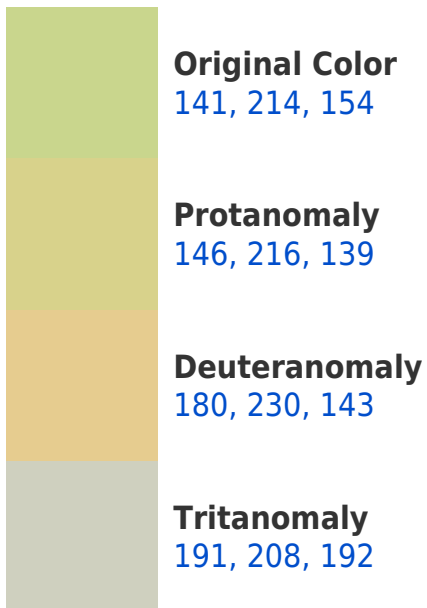
Dichromacy





Tritanopia
211, 204, 220

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 141, 214, 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(201, 214, 141)` looks like.

```
.text, #text, p{  
    color:rgb(201, 214, 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(201, 214, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 214, 141) }
```

Border

The CSS property to change the border of an element to RYB 141, 214, 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(201, 214, 141) }
```

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

```
.border{ border-color:rgb(201, 214, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 214, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 214, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 214, 141);  
box-shadow:4px 4px 4px 4px rgb(201, 214,  
141) }
```

Background

The CSS property to change the background color of an element to RYB 141, 214, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 214, 141) }
```

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

```
.background{ background-color: rgb(201,  
214, 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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