

Converting Colors

`RYB(167, 214, 151)`

Have a look what the booklet for
RYB(167, 214, 151) contains.

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Color

R_YB(167, 214, 151)

Conversions

Conversions Part 1

Format	Color
Hex	D6C997
RGB	214, 201, 151
RGB Percent	84%, 79%, 59%
CMY	0.1608, 0.2108, 0.4078
CMYK	0.00, 0.06, 0.29, 0.16
HSL	48°, 43%, 72%
HSV	48°, 29%, 84%
XYZ	54.2602, 58.4160, 37.6938
YIQ	199.1870, 23.7980, -12.7940

Conversions

Conversions Part 2

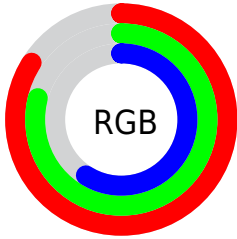
Format	Color
RYB	167, 214, 151
Decimal	14076311
CIELab	80.97, -3.19, 26.76
CIELCh	81, 26.946, 96.803
Yxy	58.4160, 0.3608, 0.3885
Android (android.graphics.Color)	4292266391 (0xFFD6C997)
YUV	199.1870, -23.7562, 12.9910
Hunter-Lab	76.4304, -7.0306, 24.2608

Details

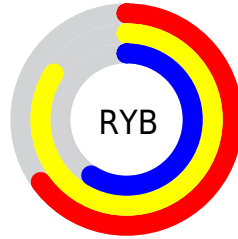
The RYB color **167, 214, 151** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **151, 162, 214**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **206, 255, 206**, and **114, 158, 100** is the 20% darker color. If you saturate the color by 10%, you get **151, 214, 130**, and if you desaturate by 10%, it is **182, 214, 172**.

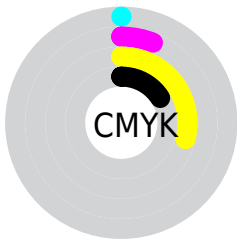
Distribution



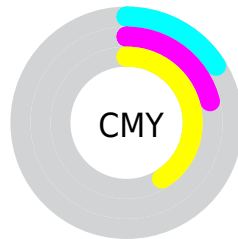
- Red (84%)
- Green (79%)
- Blue (59%)



- Red (65%)
- Yellow (84%)
- Blue (59%)



- Cyan (0%)
- Magenta (6%)
- Yellow (29%)
- Black (16%)



- Cyan (16%)
- Magenta (21%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 167, 214, 151 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 167, 214, 151 by changing the saturation by 10% instead.


 167, 214, 151

255, 255, 255

 206, 255, 206


 234, 255, 234

 167, 214, 151

 140, 186, 125

 114, 158, 100

 87, 132, 75

 63, 106, 52

 39, 81, 30

 13, 57, 6

 5, 34, 0

 0, 6, 6

 0, 0, 0

■ 167, 214, 151

■ 167, 214, 151

■ 151, 214, 130

■ 182, 214, 172

■ 134, 214, 108

■ 199, 214, 194

■ 120, 214, 87

■ 214, 214, 215

■ 103, 214, 65

■ 214, 218, 237

■ 87, 214, 44

■ 214, 221, 255

■ 72, 214, 23

■ 214, 224, 255

■ 55, 214, 1

■ 214, 227, 255

■ 54, 214, 0

■ 214, 228, 255

■ 214, 230, 255

Harmonies

Analogous

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



237, 226, 155



167, 214, 151



160, 209, 183

Triad

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



167, 214, 151



129, 175, 230



238, 186, 221

Complementary

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



167, 214, 151



151, 162, 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.



212, 193, 241



167, 214, 151



146, 185, 247

Square

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



167, 214, 151



135, 177, 215



178, 195, 251



252, 183, 196

Rectangle

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



167, 214, 151



167, 207, 212



178, 195, 251



231, 188, 229

Sweetspot

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



167, 214, 151



238, 255, 232



214, 151, 165



117, 128, 113



0, 0, 0



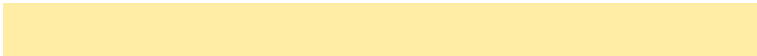
128, 128, 128

Same Dimension

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



167, 214, 151



189, 255, 166



151, 214, 169



98, 107, 96



44, 171, 0



10, 43, 0

Inverse Universe

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



151, 162, 214



166, 181, 255



169, 151, 214



96, 98, 107



0, 29, 171



0, 7, 43

Previews

White Background



This preview shows how the RYB color 167, 214, 151 looks on a white background.

Color Contrast Check

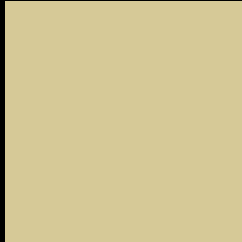
Large Text (above 18pt) WCAG AA × Fail

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 167, 214, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

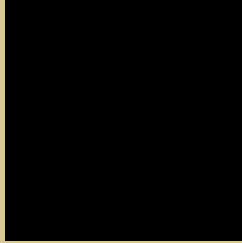
Any Text WCAG AA ✓ Pass

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 167, 214, 151 Background



This preview shows how black text looks on a background with the RYB color 167, 214, 151.



This preview shows how white text looks on a background with the RYB color 167, 214, 151.

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
167, 214, 151

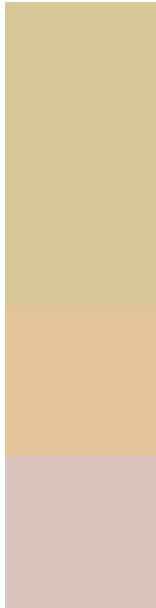
Protanopia
169, 215, 151

Deuteranopia
236, 230, 153



Tritanopia
221, 194, 209

Trichromacy



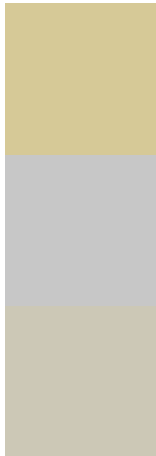
Original Color
167, 214, 151

Protanomaly
169, 215, 151

Deuteranomaly
207, 228, 152

Tritanomaly
218, 201, 188

Monochromacy



Original Color
167, 214, 151

Achromatopsia
199, 199, 199

Achromatomaly
187, 204, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 167, 214, 151 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(214, 201, 151) looks like.

```
.text, #text, p{  
    color:rgb(214, 201, 151)  
}
```

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(214, 201, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 201, 151) }
```

Border

The CSS property to change the border of an element to RYB 167, 214, 151 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(214, 201, 151) }
```

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

```
.border{ border-color:rgb(214, 201, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 201, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 201, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 201, 151);  
box-shadow:4px 4px 4px 4px rgb(214, 201,  
151) }
```

Background

The CSS property to change the background color of an element to RYB 167, 214, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 201, 151) }
```

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

```
.background{ background-color: rgb(214,  
201, 151) }
```

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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