

Converting Colors

`RYB(151, 214, 135)`

Have a look what the booklet for
RYB(151, 214, 135) contains.

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Color

R_YB(151, 214, 135)

Conversions

Conversions Part 1

Format	Color
Hex	D6C987
RGB	214, 201, 135
RGB Percent	84%, 79%, 53%
CMY	0.1608, 0.2130, 0.4706
CMYK	0.00, 0.06, 0.37, 0.16
HSL	50°, 49%, 68%
HSV	50°, 37%, 84%
XYZ	52.9203, 57.6765, 31.2652
YIQ	197.3630, 28.9340, -17.7700

Conversions

Conversions Part 2

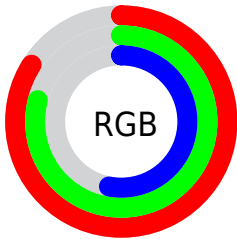
Format	Color
RYB	151, 214, 135
Decimal	14076295
CIELab	80.56, -4.86, 34.53
CIELCh	81, 34.875, 98.017
Yxy	57.6765, 0.3730, 0.4066
Android (android.graphics.Color)	4292266375 (0xFFD6C987)
YUV	197.3630, -30.7450, 14.5906
Hunter-Lab	75.9451, -8.5209, 28.7530

Details

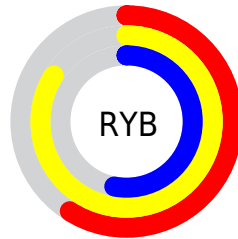
The RYB color **151, 214, 135** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **135, 146, 214**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **189, 255, 189**, and **97, 158, 84** is the 20% darker color. If you saturate the color by 10%, you get **134, 214, 114**, and if you desaturate by 10%, it is **168, 214, 156**.

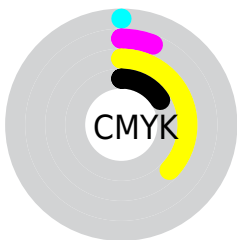
Distribution



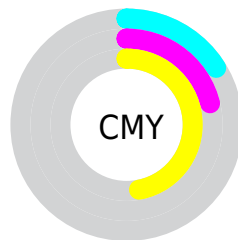
- Red (84%)
- Green (79%)
- Blue (53%)



- Red (59%)
- Yellow (84%)
- Blue (53%)



- Cyan (0%)
- Magenta (6%)
- Yellow (37%)
- Black (16%)




- Cyan (16%)
- Magenta (21%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 151, 214, 135 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 151, 214, 135 by changing the saturation by 10% instead.

 151, 214, 135

 151, 214, 135


255, 255, 255

 125, 186, 109

 189, 255, 189

 97, 158, 84

 217, 255, 217


 72, 131, 60

 246, 255, 246

 46, 105, 37

 19, 79, 12

 5, 56, 0

 1, 31, 0

 0, 4, 4

 0, 0, 0

 151, 214, 135


 151, 214, 135

 134, 214, 114

 168, 214, 156

 117, 214, 92

 185, 214, 178

 100, 214, 71

 201, 214, 199

 83, 214, 49


 214, 215, 221

 65, 214, 28

 214, 218, 242

 49, 214, 7

 214, 221, 255

 43, 214, 0

 214, 223, 255

 214, 226, 255

 214, 227, 255

Harmonies

Analogous

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



243, 237, 140



151, 214, 135



148, 210, 180

Triad

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



151, 214, 135



93, 160, 239



249, 179, 225

Complementary

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



151, 214, 135



135, 146, 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.



216, 188, 251



151, 214, 135



122, 175, 255

Square

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



151, 214, 135



105, 164, 218



170, 192, 255



255, 175, 192

Rectangle

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



151, 214, 135



153, 205, 214



170, 192, 255



239, 182, 235

Sweetspot

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



151, 214, 135



233, 255, 227



214, 135, 149



115, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



151, 214, 135



166, 255, 143



135, 214, 160



98, 107, 96



35, 171, 0



8, 43, 0

Inverse Universe

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



135, 146, 214



143, 159, 255



160, 135, 214



96, 98, 107



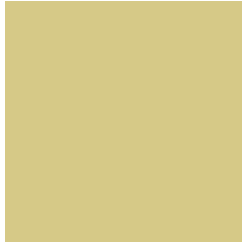
0, 25, 171



0, 6, 43

Previews

White Background



This preview shows how the RYB color 151, 214, 135 looks on a white background.

Color Contrast Check

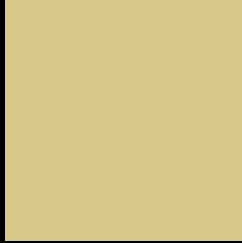
Large Text (above 18pt) WCAG AA × Fail

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 151, 214, 135 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 151, 214, 135 Background



This preview shows how black text looks on a background with the RYB color 151, 214, 135.

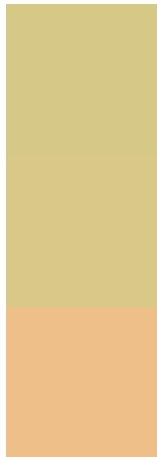


This preview shows how white text looks on a background with the RYB color 151, 214, 135.

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
151, 214, 135

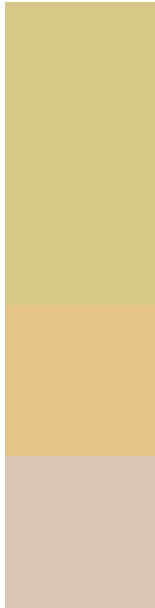
Protanopia
156, 217, 135

Deuteranopia
228, 239, 137



Tritanopia
222, 192, 207

Trichromacy



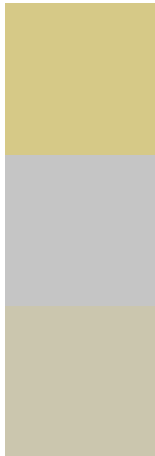
Original Color
151, 214, 135

Protanomaly
155, 216, 135

Deuteranomaly
192, 230, 136

Tritanomaly
219, 203, 181

Monochromacy



Original Color
151, 214, 135

Achromatopsia
197, 197, 197

Achromatomaly
180, 203, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 151, 214, 135 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, 135)` looks like.

```
.text, #text, p{  
    color:rgb(214, 201, 135)  
}
```

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, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 201, 135) }
```

Border

The CSS property to change the border of an element to RYB 151, 214, 135 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, 135) }
```

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

```
.border{ border-color:rgb(214, 201, 135) }
```

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, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 201, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 201, 135);  
box-shadow:4px 4px 4px 4px rgb(214, 201,  
135) }
```

Background

The CSS property to change the background color of an element to RYB 151, 214, 135 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, 135) }
```

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

```
.background{ background-color: rgb(214,  
201, 135) }
```

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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