

Converting Colors

`RYB(151, 218, 159)`

Have a look what the booklet for
RYB(151, 218, 159) contains.

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Color

R_YB(151, 218, 159)

Conversions

Conversions Part 1

Format	Color
Hex	D2DA97
RGB	210, 218, 151
RGB Percent	82%, 85%, 59%
CMY	0.1765, 0.1451, 0.4078
CMYK	0.04, 0.00, 0.31, 0.15
HSL	67°, 48%, 72%
HSV	67°, 31%, 85%
XYZ	57.2357, 66.0788, 39.0160
YIQ	207.9700, 16.7390, -22.5330

Conversions

Conversions Part 2

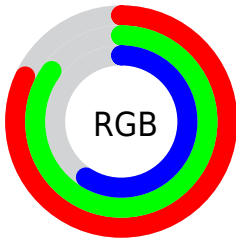
Format	Color
RYB	151, 218, 159
Decimal	13818519
CIELab	85.04, -13.28, 32.15
CIElCh	85, 34.779, 112.440
Yxy	66.0788, 0.3526, 0.4071
Android (android.graphics.Color)	4292008599 (0xFFD2DA97)
YUV	207.9700, -28.0862, 1.7803
Hunter-Lab	81.2889, -16.5733, 28.4450

Details

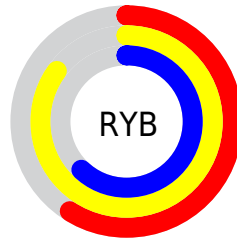
The RYB color **151, 218, 159** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **159, 151, 218**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **206, 255, 206**, and **99, 163, 107** is the 20% darker color. If you saturate the color by 10%, you get **129, 218, 140**, and if you desaturate by 10%, it is **173, 218, 178**.

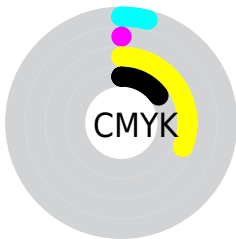
Distribution



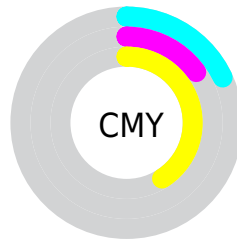
- Red (82%)
- Green (85%)
- Blue (59%)



- Red (59%)
- Yellow (85%)
- Blue (62%)



- Cyan (4%)
- Magenta (0%)
- Yellow (31%)
- Black (15%)



- Cyan (18%)
- Magenta (15%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 151, 218, 159 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, 218, 159 by changing the saturation by 10% instead.

 151, 218, 159

255, 255, 255

 206, 255, 206


 234, 255, 234

 151, 218, 159

 125, 190, 133

 99, 163, 107

 75, 137, 84

 51, 112, 61

 28, 87, 38

 3, 64, 14

 0, 42, 11

 0, 23, 23

 0, 0, 0

 151, 218, 159

 151, 218, 159

 129, 218, 140

 173, 218, 178

 107, 218, 120

 195, 218, 198

 86, 218, 102

 216, 218, 216

 64, 218, 82

 220, 218, 238

 42, 218, 63

 223, 218, 255

 20, 218, 44

 226, 218, 255

 0, 218, 26

 228, 218, 255

 231, 218, 255

 233, 218, 255

Harmonies

Analogous

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



205, 243, 147



151, 218, 159



171, 226, 225

Triad

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



151, 218, 159



117, 178, 255



255, 189, 222

Complementary

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



151, 218, 159



159, 151, 218

Split Complementary

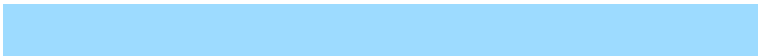
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



246, 196, 253



151, 218, 159



157, 195, 255

Square

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



151, 218, 159



109, 171, 236



206, 207, 255



255, 189, 189

Rectangle

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



151, 218, 159



147, 200, 229



206, 207, 255



255, 190, 233

Sweetspot

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



151, 218, 159



232, 255, 235



218, 160, 151



113, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



151, 218, 159



161, 255, 172



151, 218, 192



99, 110, 101



0, 173, 20



0, 46, 6

Inverse Universe

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



159, 151, 218



172, 161, 255



192, 151, 218



100, 99, 110



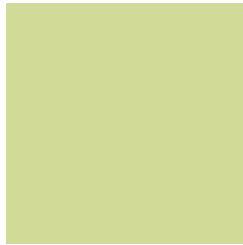
21, 0, 173



5, 0, 46

Previews

White Background



This preview shows how the RYB color 151, 218, 159 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, 218, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

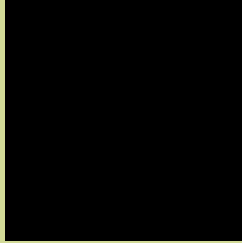
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

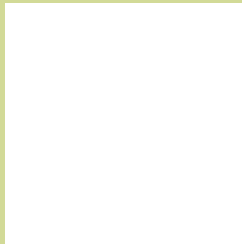
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 151, 218, 159 Background



This preview shows how black text looks on a background with the RYB color 151, 218, 159.

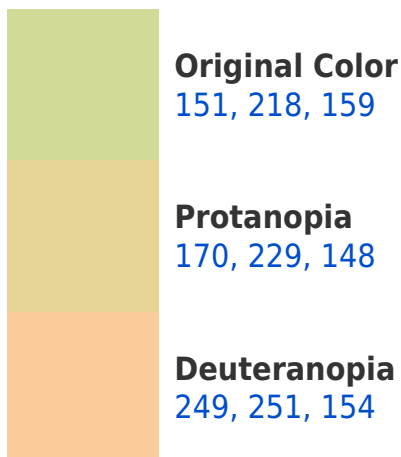


This preview shows how white text looks on a background with the RYB color 151, 218, 159.

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](#).

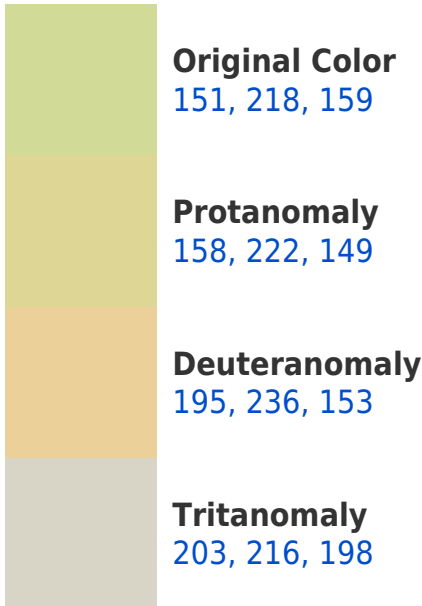
Dichromacy





Tritanopia
219, 209, 225

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 151, 218, 159 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(210, 218, 151)` looks like.

```
.text, #text, p{  
    color:rgb(210, 218, 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(210, 218, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 218, 151) }
```

Border

The CSS property to change the border of an element to RYB 151, 218, 159 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(210, 218, 151) }
```

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

```
.border{ border-color:rgb(210, 218, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 218, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 218, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 218, 151);  
box-shadow:4px 4px 4px 4px rgb(210, 218,  
151) }
```

Background

The CSS property to change the background color of an element to RYB 151, 218, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 218, 151) }
```

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

```
.background{ background-color: rgb(210,  
218, 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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