

Converting Colors

`RYB(199, 212, 151)`

Have a look what the booklet for
RYB(199, 212, 151) contains.

RYB(199, 212, 151)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(199, 212, 151)

Conversions

Conversions Part 1

Format	Color
Hex	D4B997
RGB	212, 185, 151
RGB Percent	83%, 73%, 59%
CMY	0.1686, 0.2740, 0.4078
CMYK	0.00, 0.13, 0.29, 0.17
HSL	34°, 41%, 71%
HSV	34°, 29%, 83%
XYZ	50.1151, 50.9869, 36.4783
YIQ	189.1970, 27.0060, -4.8500

Conversions

Conversions Part 2

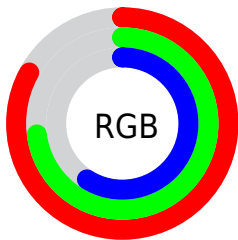
Format	Color
RYB	199, 212, 151
Decimal	13941143
CIELab	76.67, 4.49, 20.87
CIELCh	77, 21.350, 77.853
Yxy	50.9869, 0.3643, 0.3706
Android (android.graphics.Color)	4292131223 (0xFFD4B997)
YUV	189.1970, -18.8311, 19.9982
Hunter-Lab	71.4051, 0.3196, 19.6945

Details

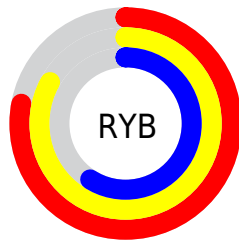
The RYB color **199, 212, 151** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **151, 170, 212**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **224, 255, 205**, and **145, 157, 100** is the 20% darker color. If you saturate the color by 10%, you get **194, 212, 130**, and if you desaturate by 10%, it is **205, 212, 172**.

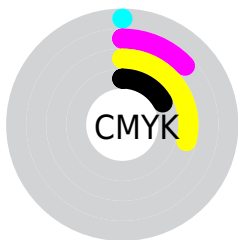
Distribution



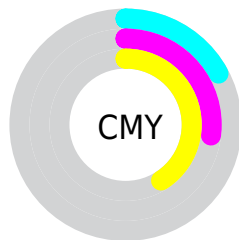
- Red (83%)
- Green (73%)
- Blue (59%)



- Red (78%)
- Yellow (83%)
- Blue (59%)



- Cyan (0%)
- Magenta (13%)
- Yellow (29%)
- Black (17%)



- Cyan (17%)
- Magenta (27%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 199, 212, 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 199, 212, 151 by changing the saturation by 10% instead.


 199, 212, 151

255, 255, 255

 224, 255, 205

 234, 255, 234

 199, 212, 151

 171, 184, 125

 145, 157, 100

 116, 130, 76

 89, 104, 53

 62, 79, 31

 35, 55, 8

 28, 33, 0

 0, 0, 0

 199, 212, 151

 199, 212, 151

 194, 212, 130


 205, 212, 172

 192, 212, 109


 207, 212, 193

 185, 212, 87


 212, 213, 215

 180, 212, 66

 212, 219, 236

 178, 212, 45

 212, 226, 255

 173, 212, 24

 212, 229, 255

 167, 212, 3

 212, 232, 255

 166, 212, 0

 212, 234, 255

Harmonies

Analogous

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



226, 186, 161



199, 212, 151



152, 192, 152

Triad

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



199, 212, 151



136, 169, 201



207, 180, 216

Complementary

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



199, 212, 151



151, 170, 212

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.



182, 187, 227



199, 212, 151



139, 173, 218

Square

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



199, 212, 151



149, 181, 200



156, 180, 227



224, 176, 198

Rectangle

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



199, 212, 151



158, 195, 176



156, 180, 227



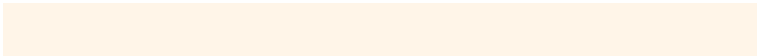
199, 182, 220

Sweetspot

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



199, 212, 151



250, 255, 232



212, 151, 178



126, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



199, 212, 151



235, 255, 166



151, 212, 154



105, 107, 96



134, 171, 0



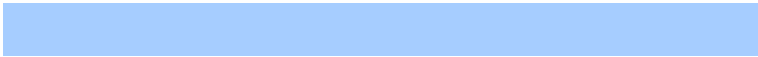
34, 43, 0

Inverse Universe

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



151, 170, 212



166, 193, 255



154, 151, 212



96, 99, 107



0, 52, 171



0, 13, 43

Previews

White Background



This preview shows how the RYB color 199, 212, 151 looks on a white background.

Color Contrast Check

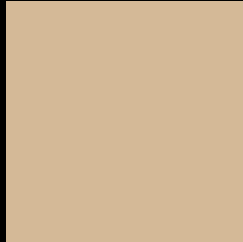
Large Text (above 18pt) WCAG AA × Fail

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 199, 212, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

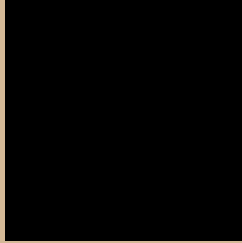
Any Text WCAG AA ✓ Pass

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 199, 212, 151 Background



This preview shows how black text looks on a background with the RYB color 199, 212, 151.



This preview shows how white text looks on a background with the RYB color 199, 212, 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

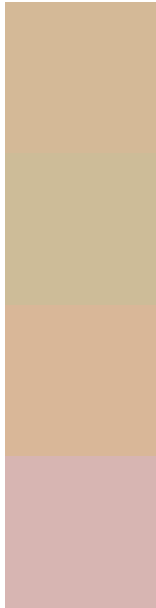


Original Color 199, 212, 151
Protanopia 169, 201, 153
Deuteranopia 220, 206, 152



Tritanopia
217, 179, 193

Trichromacy



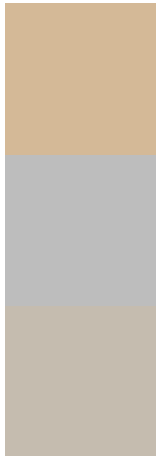
Original Color
199, 212, 151

Protanomaly
177, 205, 152

Deuteranomaly
217, 211, 152

Tritanomaly
215, 181, 178

Monochromacy



Original Color
199, 212, 151

Achromatopsia
189, 189, 189

Achromatomaly
190, 197, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 199, 212, 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(212, 185, 151) looks like.

```
.text, #text, p{  
    color:rgb(212, 185, 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(212, 185, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 185, 151) }
```

Border

The CSS property to change the border of an element to RYB 199, 212, 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(212, 185, 151) }
```

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

```
.border{ border-color:rgb(212, 185, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 185, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 185, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 185, 151);  
box-shadow:4px 4px 4px 4px rgb(212, 185,  
151) }
```

Background

The CSS property to change the background color of an element to RYB 199, 212, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 185, 151) }
```

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

```
.background{ background-color: rgb(212,  
185, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor