

# Converting Colors

`RYB(190, 211, 169)`

Have a look what the booklet for  
RYB(190, 211, 169) contains.

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# **Color**

**R<sub>Y</sub>B(190, 211, 169)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3C5A9
RGB	211, 197, 169
RGB Percent	83%, 77%, 66%
CMY	0.1725, 0.2275, 0.3373
CMYK	0.00, 0.07, 0.20, 0.17
HSL	40°, 32%, 75%
HSV	40°, 20%, 83%
XYZ	53.9917, 56.6460, 45.6242
YIQ	197.9940, 17.3320, -5.7400

# Conversions

## Conversions Part 2

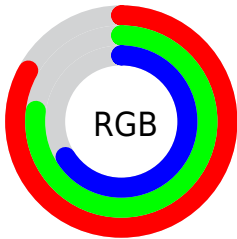
Format	Color
<a href="#">RYB</a>	<a href="#">190, 211, 169</a>
Decimal	<a href="#">13878697</a>
CIELab	<a href="#">79.98, 0.39, 15.82</a>
CIElCh	<a href="#">80, 15.827, 88.598</a>
Yxy	<a href="#">56.6460, 0.3455, 0.3625</a>
Android (android.graphics.Color)	<a href="#">4292068777 (0xFFD3C5A9)</a>
YUV	<a href="#">197.9940, -14.2940, 11.4063</a>
Hunter-Lab	<a href="#">75.2635, -3.6609, 16.7433</a>

# Details

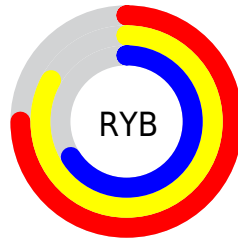
The RYB color **190, 211, 169** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **169, 180, 211**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **225, 255, 224**, and **137, 156, 117** is the 20% darker color. If you saturate the color by 10%, you get **180, 211, 148**, and if you desaturate by 10%, it is **201, 211, 190**.

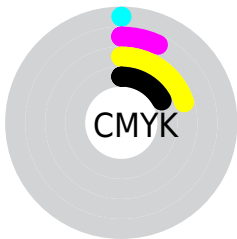
# Distribution



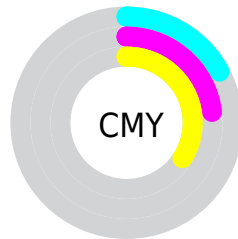
- Red (83%)
- Green (77%)
- Blue (66%)



- Red (75%)
- Yellow (83%)
- Blue (66%)



- Cyan (0%)
- Magenta (7%)
- Yellow (20%)
- Black (17%)



- Cyan (17%)
- Magenta (23%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 190, 211, 169 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 190, 211, 169 by changing the saturation by 10% instead.




 190, 211, 169

255, 255, 255

 225, 255, 224

253, 255, 253

 190, 211, 169


 162, 183, 143

 137, 156, 117

 110, 130, 92

 84, 104, 68

 60, 80, 46

 38, 56, 25

 10, 35, 0

 1, 0, 0

 0, 0, 0

 190, 211, 169

 190, 211, 169

 180, 211, 148


 201, 211, 190

 169, 211, 127

 211, 211, 211

 159, 211, 106


 211, 216, 232

 148, 211, 85

 211, 222, 253

 136, 211, 63

 211, 225, 255

 126, 211, 42

 211, 228, 255

 115, 211, 21

 211, 230, 255

 105, 211, 0

 211, 232, 255

 211, 233, 255

# Harmonies

## Analogous

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



224, 202, 174



190, 211, 169



172, 202, 179

# Triad

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



190, 211, 169



160, 185, 212



217, 190, 214

# Complementary

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



190, 211, 169



169, 180, 211

# 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.



200, 195, 224



190, 211, 169



166, 189, 223

# Square

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



190, 211, 169



165, 189, 207



181, 194, 227



228, 188, 200

# Rectangle

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



190, 211, 169



178, 204, 199



181, 194, 227



212, 192, 218



# Sweetspot

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



190, 211, 169



248, 255, 240



211, 169, 183



124, 128, 119



0, 0, 0



128, 128, 128



# Same Dimension

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



190, 211, 169



224, 255, 194



169, 211, 176



100, 105, 94



84, 168, 0



21, 41, 0



# Inverse Universe

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



169, 180, 211



194, 209, 255



176, 169, 211



94, 97, 105



0, 42, 168

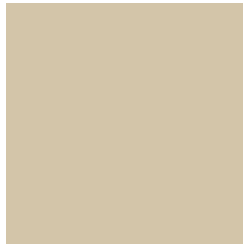


0, 10, 41



# Previews

## White Background



This preview shows how the RYB color 190, 211, 169 looks on a white background.

## Color Contrast Check

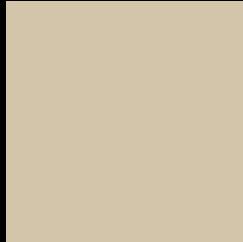
Large Text (above 18pt) WCAG AA × Fail

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 190, 211, 169 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

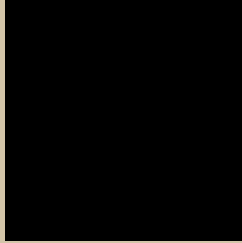
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

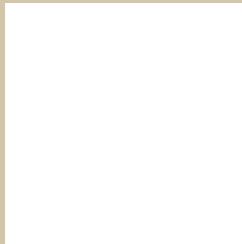
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## **RYB 190, 211, 169 Background**



This preview shows how black text looks on a background with the RYB color 190, 211, 169.

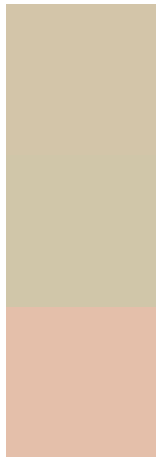


This preview shows how white text looks on a background with the RYB color 190, 211, 169.

# 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**  
190, 211, 169

**Protanopia**  
182, 208, 169

**Deuteranopia**  
228, 203, 170



**Tritanopia**  
216, 192, 207

# Trichromacy



**Original Color**

190, 211, 169

**Protanomaly**

184, 209, 169

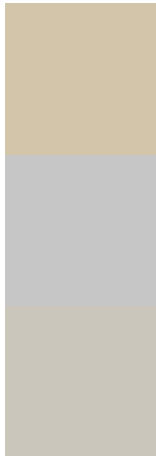
**Deuteranomaly**

222, 211, 170

**Tritanomaly**

214, 194, 193

# Monochromacy



**Original Color**

190, 211, 169

**Achromatopsia**

198, 198, 198

**Achromatomaly**

194, 203, 187

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 190, 211, 169 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(211, 197, 169) looks like.

```
.text, #text, p{  
    color:rgb(211, 197, 169)  
}
```

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(211, 197, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 197, 169) }
```

## Border

The CSS property to change the border of an element to RYB 190, 211, 169 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(211, 197, 169) }
```

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

```
.border{ border-color:rgb(211, 197, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 197, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 197, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 197, 169); box-shadow:4px 4px 4px 4px rgb(211, 197, 169) }
```

# Background

The CSS property to change the background color of an element to RYB 190, 211, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 197, 169) }
```

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

```
.background{ background-color: rgb(211,  
197, 169) }
```

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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