

Converting Colors

`RYB(169, 202, 134)`

Have a look what the booklet for
RYB(169, 202, 134) contains.

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Color

R_YB(169, 202, 134)

Conversions

Conversions Part 1

Format	Color
Hex	CAB386
RGB	202, 179, 134
RGB Percent	79%, 70%, 53%
CMY	0.2078, 0.2985, 0.4745
CMYK	0.00, 0.11, 0.34, 0.21
HSL	40°, 39%, 66%
HSV	40°, 34%, 79%
XYZ	44.7589, 46.4752, 29.1658
YIQ	180.7470, 28.1530, -9.1190

Conversions

Conversions Part 2

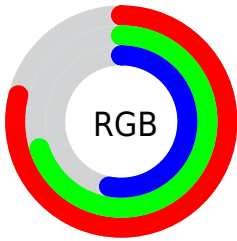
Format	Color
RYB	169, 202, 134
Decimal	13284230
CIELab	73.85, 1.70, 25.99
CIELCh	74, 26.050, 86.249
Yxy	46.4752, 0.3718, 0.3860
Android (android.graphics.Color)	4291474310 (0xFFCAB386)
YUV	180.7470, -23.0463, 18.6389
Hunter-Lab	68.1727, -2.1078, 22.3553

Details

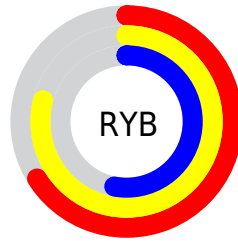
The RYB color **169, 202, 134** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **134, 151, 202**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **217, 255, 188**, and **116, 147, 84** is the 20% darker color. If you saturate the color by 10%, you get **160, 202, 114**, and if you desaturate by 10%, it is **178, 202, 154**.

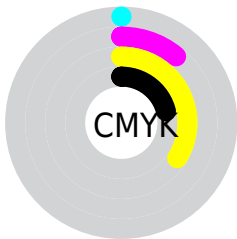
Distribution



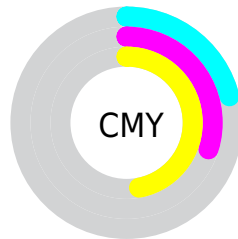
- Red (79%)
- Green (70%)
- Blue (53%)



- Red (66%)
- Yellow (79%)
- Blue (53%)



- Cyan (0%)
- Magenta (11%)
- Yellow (34%)
- Black (21%)



- Cyan (21%)
- Magenta (30%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 202, 134 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 169, 202, 134 by changing the saturation by 10% instead.

 169, 202, 134


255, 255, 255

 215, 255, 187


 215, 255, 215

 244, 255, 244

 169, 202, 134


 141, 174, 108


 116, 147, 84

 88, 120, 60

 62, 95, 38

 37, 70, 16

 18, 47, 0

 18, 22, 0

 0, 0, 0

 169, 202, 134

 169, 202, 134

■ 160, 202, 114

■ 178, 202, 154

■ 150, 202, 94

■ 187, 202, 174

■ 140, 202, 73

■ 200, 202, 195

■ 131, 202, 53

■ 202, 205, 215

■ 119, 202, 33

■ 202, 210, 235

■ 110, 202, 13

■ 202, 215, 255

■ 105, 202, 0

■ 202, 219, 255

■ 202, 222, 255

■ 202, 224, 255

Harmonies

Analogous

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



221, 187, 143



169, 202, 134



138, 186, 147

Triad

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



169, 202, 134



111, 155, 202



210, 169, 208

Complementary

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



169, 202, 134



134, 151, 202

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.



181, 176, 224



169, 202, 134



120, 162, 220

Square

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



169, 202, 134



125, 165, 195



148, 173, 229



227, 164, 185

Rectangle

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



169, 202, 134



148, 190, 180



148, 173, 229



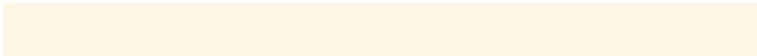
201, 171, 215

Sweetspot

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



169, 202, 134



244, 255, 230



202, 134, 158



122, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



169, 202, 134



206, 255, 153



134, 202, 144



96, 102, 92



87, 166, 0



20, 38, 0

Inverse Universe

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



134, 151, 202



153, 179, 255



144, 134, 202



92, 94, 102



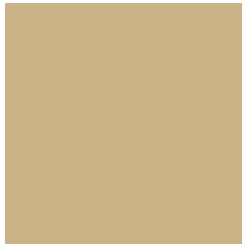
0, 42, 166



0, 10, 38

Previews

White Background



This preview shows how the RYB color 169, 202, 134 looks on a white background.

Color Contrast Check

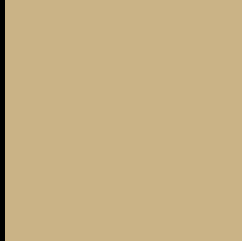
Large Text (above 18pt) WCAG AA × Fail

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 169, 202, 134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

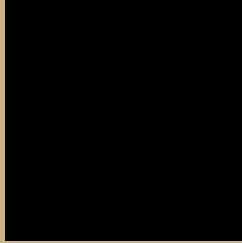
Any Text WCAG AA ✓ Pass

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 169, 202, 134 Background



This preview shows how black text looks on a background with the RYB color 169, 202, 134.



This preview shows how white text looks on a background with the RYB color 169, 202, 134.

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
169, 202, 134

Protanopia
153, 195, 135

Deuteranopia
214, 212, 135



Tritanopia
208, 172, 185

Trichromacy



Original Color

169, 202, 134

Protanomaly

160, 198, 135

Deuteranomaly

197, 210, 135

Tritanomaly

206, 178, 166

Monochromacy



Original Color

169, 202, 134

Achromatopsia

181, 181, 181

Achromatomaly

178, 189, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 202, 134 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(202, 179, 134)` looks like.

```
.text, #text, p{  
    color:rgb(202, 179, 134)  
}
```

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(202, 179, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 179, 134) }
```

Border

The CSS property to change the border of an element to RYB 169, 202, 134 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(202, 179, 134) }
```

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

```
.border{ border-color:rgb(202, 179, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 179, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 179, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 179, 134);  
box-shadow:4px 4px 4px 4px rgb(202, 179,  
134) }
```

Background

The CSS property to change the background color of an element to RYB 169, 202, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 179, 134) }
```

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

```
.background{ background-color: rgb(202,  
179, 134) }
```

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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