

Converting Colors

`RYB(169, 222, 144)`

Have a look what the booklet for
RYB(169, 222, 144) contains.

RYB(169, 222, 144)	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(169, 222, 144)

Conversions

Conversions Part 1

Format	Color
Hex	DECB90
RGB	222, 203, 144
RGB Percent	87%, 80%, 56%
CMY	0.1294, 0.2037, 0.4353
CMYK	0.00, 0.09, 0.35, 0.13
HSL	45°, 54%, 72%
HSV	45°, 35%, 87%
XYZ	56.5302, 60.2872, 35.0427
YIQ	201.9550, 30.2630, -14.3210

Conversions

Conversions Part 2

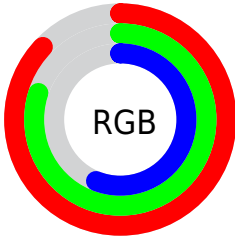
Format	Color
R_{YB}	169, 222, 144
Decimal	14601104
CIE Lab	81.99, -1.90, 31.90
CIE LCh	82, 31.952, 93.414
Yxy	60.2872, 0.3723, 0.3970
Android (android.graphics.Color)	4292791184 (0xFFDECB90)
YUV	201.9550, -28.5718, 17.5795
Hunter-Lab	77.6448, -5.9194, 27.5926

Details

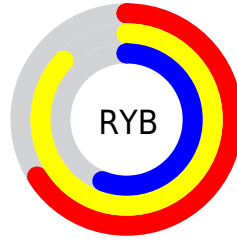
The RYB color **169, 222, 144** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **144, 159, 222**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **198, 255, 198**, and **115, 166, 93** is the 20% darker color. If you saturate the color by 10%, you get **154, 222, 122**, and if you desaturate by 10%, it is **185, 222, 166**.

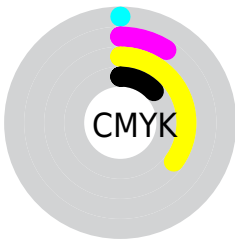
Distribution



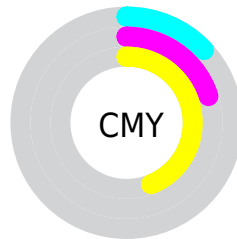
- Red (87%)
- Green (80%)
- Blue (56%)



- Red (66%)
- Yellow (87%)
- Blue (56%)



- Cyan (0%)
- Magenta (9%)
- Yellow (35%)
- Black (13%)



- Cyan (13%)
- Magenta (20%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 222, 144 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, 222, 144 by changing the saturation by 10% instead.


 169, 222, 144

255, 255, 255


 198, 255, 198


 226, 255, 226

 169, 222, 144

 142, 194, 118

 115, 166, 93

 90, 139, 69

 61, 112, 45

 37, 87, 22

 12, 62, 0

 9, 38, 0

 0, 8, 2

 0, 0, 0

 169, 222, 144


 169, 222, 144

 154, 222, 122

 185, 222, 166

 140, 222, 100

 198, 222, 188

 123, 222, 77

 215, 222, 211

 108, 222, 55


 222, 224, 233

 94, 222, 33

 222, 228, 255

 78, 222, 11

 222, 231, 255

 71, 222, 0

 222, 234, 255

 222, 236, 255

 222, 238, 255

Harmonies

Analogous

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



248, 225, 151



169, 222, 144



153, 212, 175

Triad

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



169, 222, 144



111, 169, 236



245, 186, 231

Complementary

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



169, 222, 144



144, 159, 222

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.



213, 195, 254



169, 222, 144



130, 180, 255

Square

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



169, 222, 144



124, 177, 221



171, 196, 255



255, 182, 202

Rectangle

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



169, 222, 144



166, 215, 216



171, 196, 255



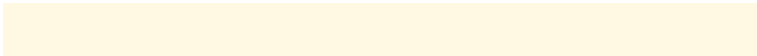
236, 188, 240

Sweetspot

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



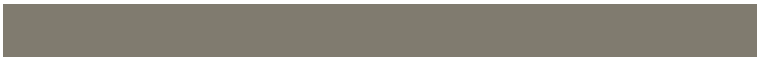
169, 222, 144



236, 255, 227



222, 144, 163



118, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



169, 222, 144



182, 255, 148



144, 222, 163



105, 112, 101



57, 176, 0



14, 48, 0

Inverse Universe

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



144, 159, 222



148, 169, 255



163, 144, 222



101, 103, 112



0, 35, 176



0, 10, 48

Previews

White Background



This preview shows how the RYB color 169, 222, 144 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, 222, 144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

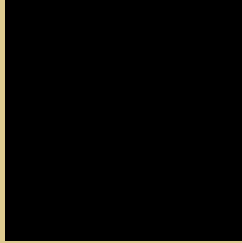
Any Text WCAG AA ✓ Pass

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, 222, 144 Background



This preview shows how black text looks on a background with the RYB color 169, 222, 144.

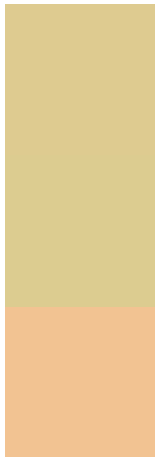


This preview shows how white text looks on a background with the RYB color 169, 222, 144.

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, 222, 144

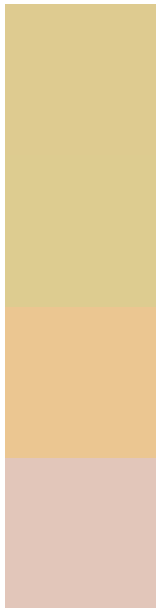
Protanopia
164, 220, 144

Deuteranopia
238, 242, 146



Tritanopia
229, 195, 210

Trichromacy



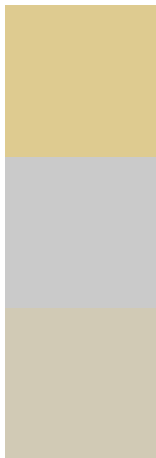
Original Color
169, 222, 144

Protanomaly
166, 221, 144

Deuteranomaly
208, 235, 145

Tritanomaly
226, 203, 186

Monochromacy



Original Color
169, 222, 144

Achromatopsia
202, 202, 202

Achromatomaly
190, 209, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 222, 144 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(222, 203, 144)` looks like.

```
.text, #text, p{  
    color:rgb(222, 203, 144)  
}
```

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(222, 203, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 203, 144) }
```

Border

The CSS property to change the border of an element to RYB 169, 222, 144 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(222, 203, 144) }
```

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

```
.border{ border-color:rgb(222, 203, 144) }
```

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

Here you see how a box with a 4 pixel rgb(222, 203, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 203, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 203, 144);  
box-shadow:4px 4px 4px 4px rgb(222, 203,  
144) }
```

Background

The CSS property to change the background color of an element to RYB 169, 222, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 203, 144) }
```

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

```
.background{ background-color: rgb(222,  
203, 144) }
```

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