

Converting Colors

`RYB(169, 221, 161)`

Have a look what the booklet for
RYB(169, 221, 161) contains.

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Color

R_YB(169, 221, 161)

Conversions

Conversions Part 1

Format	Color
Hex	DDD6A1
RGB	221, 214, 161
RGB Percent	87%, 84%, 63%
CMY	0.1333, 0.1610, 0.3686
CMYK	0.00, 0.03, 0.27, 0.13
HSL	53°, 47%, 75%
HSV	53°, 27%, 87%
XYZ	60.2835, 66.0087, 43.2819
YIQ	210.0510, 21.1850, -14.9990

Conversions

Conversions Part 2

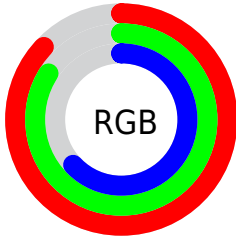
Format	Color
RYB	169, 221, 161
Decimal	14538401
CIELab	85.00, -5.76, 27.08
CIELCh	85, 27.690, 101.998
Yxy	66.0087, 0.3555, 0.3893
Android (android.graphics.Color)	4292728481 (0xFFDDD6A1)
YUV	210.0510, -24.1821, 9.6023
Hunter-Lab	81.2458, -9.7349, 25.2866

Details

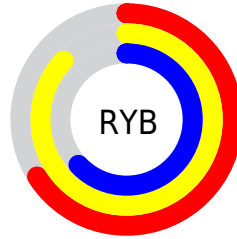
The RYB color **169, 221, 161** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **161, 167, 221**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **216, 255, 216**, and **116, 165, 109** is the 20% darker color. If you saturate the color by 10%, you get **150, 221, 139**, and if you desaturate by 10%, it is **187, 221, 183**.

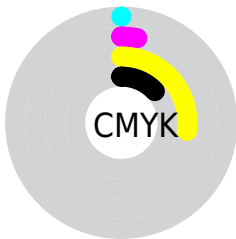
Distribution



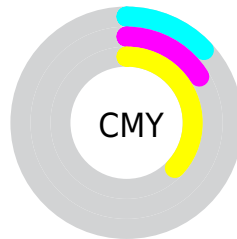
- Red (87%)
- Green (84%)
- Blue (63%)



- Red (66%)
- Yellow (87%)
- Blue (63%)



- Cyan (0%)
- Magenta (3%)
- Yellow (27%)
- Black (13%)



- Cyan (13%)
- Magenta (16%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 221, 161 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, 221, 161 by changing the saturation by 10% instead.


 169, 221, 161

255, 255, 255


 216, 255, 216

 245, 255, 245


 169, 221, 161

 143, 193, 135

 116, 165, 109

 90, 138, 84

 65, 112, 61

 41, 87, 38

 18, 63, 16

 2, 41, 0

 0, 19, 6


 0, 0, 0

 169, 221, 161

 169, 221, 161


 150, 221, 139

 187, 221, 183

 131, 221, 117

 207, 221, 205

 112, 221, 95

 221, 222, 227


 92, 221, 73

 221, 224, 249


 74, 221, 51

 221, 226, 255


 54, 221, 28


 221, 228, 255

 34, 221, 6

 221, 229, 255

 29, 221, 0

 221, 231, 255

 221, 232, 255

Harmonies

Analogous

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



244, 246, 163



169, 221, 161



173, 221, 203

Triad

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



169, 221, 161



139, 187, 246



255, 195, 229

Complementary

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



169, 221, 161



161, 167, 221

Split Complementary

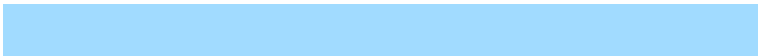
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230, 202, 251



169, 221, 161



161, 197, 255

Square

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



169, 221, 161



141, 185, 227



195, 208, 255



255, 194, 203

Rectangle

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



169, 221, 161



172, 213, 225



195, 208, 255



248, 197, 237

Sweetspot

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



169, 221, 161



237, 255, 235



221, 161, 169



117, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



169, 221, 161



182, 255, 171



161, 221, 183



101, 110, 99



23, 173, 0



7, 46, 0

Inverse Universe

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



161, 167, 221



171, 180, 255



183, 161, 221



99, 100, 110



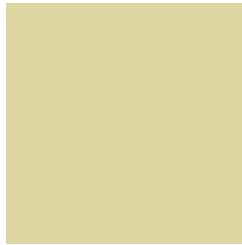
0, 18, 173



0, 5, 46

Previews

White Background



This preview shows how the RYB color 169, 221, 161 looks on a white background.

Color Contrast Check

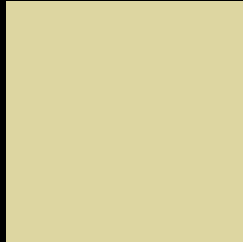
Large Text (above 18pt) WCAG AA × Fail

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, 221, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

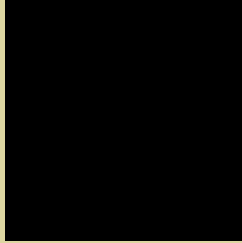
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

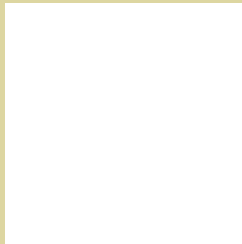
Any Text WCAG AAA ✓ Pass

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

RYB 169, 221, 161 Background



This preview shows how black text looks on a background with the RYB color 169, 221, 161.



This preview shows how white text looks on a background with the RYB color 169, 221, 161.

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, 221, 161

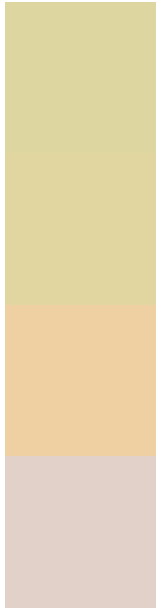
Protanopia
179, 227, 160

Deuteranopia
249, 241, 163



Tritanopia
229, 206, 222

Trichromacy



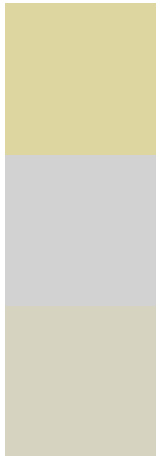
Original Color
169, 221, 161

Protanomaly
175, 225, 160

Deuteranomaly
214, 239, 162

Tritanomaly
226, 214, 200

Monochromacy



Original Color
169, 221, 161

Achromatopsia
210, 210, 210

Achromatomaly
195, 214, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 221, 161 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(221, 214, 161) looks like.

```
.text, #text, p{  
    color:rgb(221, 214, 161)  
}
```

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(221, 214, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 214, 161) }
```

Border

The CSS property to change the border of an element to RYB 169, 221, 161 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(221, 214, 161) }
```

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

```
.border{ border-color:rgb(221, 214, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 214, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 214, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 214, 161);  
box-shadow:4px 4px 4px 4px rgb(221, 214,  
161) }
```

Background

The CSS property to change the background color of an element to RYB 169, 221, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 214, 161) }
```

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

```
.background{ background-color: rgb(221,  
214, 161) }
```

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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