

Converting Colors

`RYB(207, 221, 169)`

Have a look what the booklet for
RYB(207, 221, 169) contains.

RYB(207, 221, 169)	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(207, 221, 169)

Conversions

Conversions Part 1

Format	Color
Hex	DDC7A9
RGB	221, 199, 169
RGB Percent	87%, 78%, 66%
CMY	0.1333, 0.2194, 0.3373
CMYK	0.00, 0.10, 0.24, 0.13
HSL	35°, 43%, 76%
HSV	35°, 24%, 87%
XYZ	57.4139, 59.1040, 45.9183
YIQ	202.1580, 22.7420, -4.6660

Conversions

Conversions Part 2

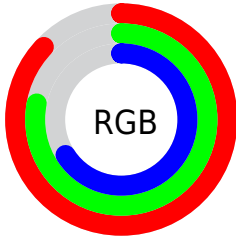
Format	Color
R_{YB}	207, 221, 169
Decimal	14534569
CIE _{Lab}	81.35, 3.06, 17.86
CIE _{LCh}	81, 18.121, 80.284
Yxy	59.1040, 0.3535, 0.3639
Android (android.graphics.Color)	4292724649 (0xFFDDC7A9)
YUV	202.1580, -16.3469, 16.5244
Hunter-Lab	76.8791, -1.2335, 18.4027

Details

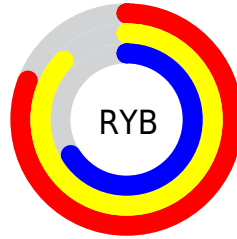
The RYB color **207, 221, 169** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **169, 184, 221**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **224, 255, 224**, and **151, 165, 117** is the 20% darker color. If you saturate the color by 10%, you get **200, 221, 147**, and if you desaturate by 10%, it is **214, 221, 191**.

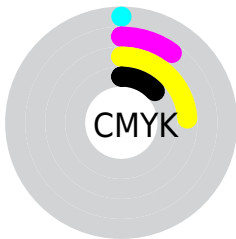
Distribution



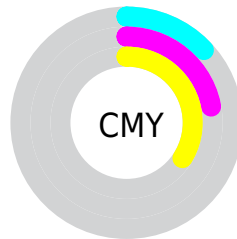
- Red (87%)
- Green (78%)
- Blue (66%)



- Red (81%)
- Yellow (87%)
- Blue (66%)



- Cyan (0%)
- Magenta (10%)
- Yellow (24%)
- Black (13%)



- Cyan (13%)
- Magenta (22%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 221, 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 207, 221, 169 by changing the saturation by 10% instead.


 207, 221, 169


255, 255, 255


 224, 255, 224

253, 255, 253

 207, 221, 169

 178, 193, 142


 151, 165, 117

 124, 139, 92

 98, 113, 68

 75, 88, 46

 49, 64, 25

 21, 42, 0

 15, 2, 0

 0, 0, 0

■ 207, 221, 169

■ 207, 221, 169

■ 200, 221, 147

■ 214, 221, 191

■ 197, 221, 125

■ 218, 221, 213

■ 190, 221, 103

■ 221, 225, 235

■ 183, 221, 81

■ 221, 231, 255

■ 178, 221, 58

■ 221, 235, 255

■ 171, 221, 36

■ 221, 238, 255

■ 164, 221, 14

■ 161, 221, 0

Harmonies

Analogous

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



234, 201, 177



207, 221, 169



170, 205, 172

Triad

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



207, 221, 169



158, 185, 213



219, 194, 224

Complementary

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



207, 221, 169



169, 184, 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.



198, 200, 234



207, 221, 169



161, 189, 228

Square

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



207, 221, 169



167, 194, 212



177, 196, 235



233, 191, 208

Rectangle

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



207, 221, 169



176, 208, 194



177, 196, 235



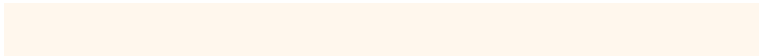
212, 196, 228

Sweetspot

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



207, 221, 169



251, 255, 237



221, 169, 192



126, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



207, 221, 169



236, 255, 184



169, 221, 172



108, 110, 99



126, 173, 0



32, 46, 0

Inverse Universe

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



169, 184, 221



184, 205, 255



172, 169, 221



99, 102, 110



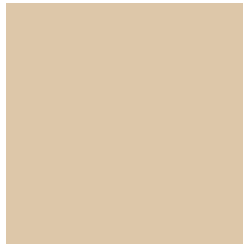
0, 51, 173



0, 13, 46

Previews

White Background



This preview shows how the RYB color 207, 221, 169 looks on a white background.

Color Contrast Check

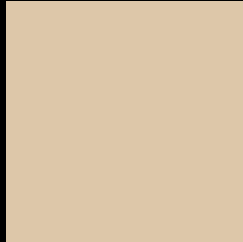
Large Text (above 18pt) WCAG AA × Fail

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 207, 221, 169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

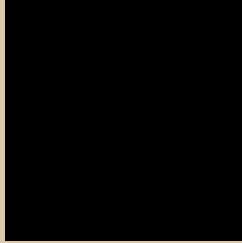
Any Text WCAG AA ✓ Pass

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 207, 221, 169 Background



This preview shows how black text looks on a background with the RYB color 207, 221, 169.



This preview shows how white text looks on a background with the RYB color 207, 221, 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
207, 221, 169

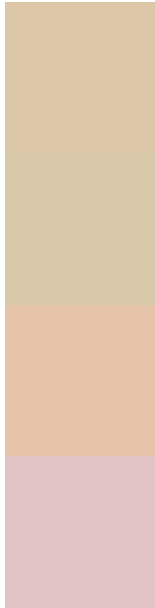
Protanopia
185, 213, 170

Deuteranopia
233, 209, 170



Tritanopia
226, 193, 209

Trichromacy



Original Color

207, 221, 169

Protanomaly

192, 216, 170

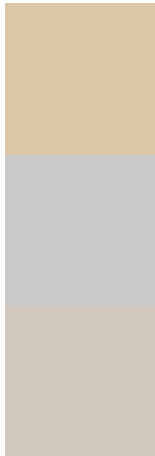
Deuteranomaly

229, 216, 170

Tritanomaly

224, 195, 194

Monochromacy



Original Color

207, 221, 169

Achromatopsia

202, 202, 202

Achromatomaly

204, 209, 190

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 221, 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(221, 199, 169)` looks like.

```
.text, #text, p{  
    color:rgb(221, 199, 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(221, 199, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 199, 169) }
```

Border

The CSS property to change the border of an element to RYB 207, 221, 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(221, 199, 169) }
```

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

```
.border{ border-color:rgb(221, 199, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 199, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 199, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 199, 169); box-shadow:4px 4px 4px 4px rgb(221, 199, 169) }
```

Background

The CSS property to change the background color of an element to RGB 207, 221, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 199, 169) }
```

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

```
.background{ background-color: rgb(221,  
199, 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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