

Converting Colors

`RYB(194, 221, 169)`

Have a look what the booklet for
RYB(194, 221, 169) contains.

RYB(194, 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(194, 221, 169)

Conversions

Conversions Part 1

Format	Color
Hex	DDCCA9
RGB	221, 204, 169
RGB Percent	87%, 80%, 66%
CMY	0.1333, 0.1995, 0.3373
CMYK	0.00, 0.08, 0.24, 0.13
HSL	41°, 43%, 76%
HSV	41°, 24%, 87%
XYZ	58.6009, 61.4780, 46.3140
YIQ	205.0930, 21.3670, -7.2810

Conversions

Conversions Part 2

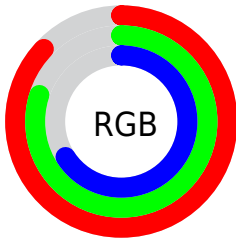
Format	Color
RYB	194, 221, 169
Decimal	14535849
CIELab	82.64, 0.41, 19.65
CIELCh	83, 19.653, 88.814
Yxy	61.4780, 0.3522, 0.3695
Android (android.graphics.Color)	4292725929 (0xFFDDCCA9)
YUV	205.0930, -17.7938, 13.9504
Hunter-Lab	78.4079, -3.8057, 19.8642

Details

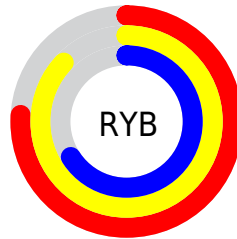
The RYB color **194, 221, 169** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **169, 182, 221**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **224, 255, 224**, and **139, 165, 117** is the 20% darker color. If you saturate the color by 10%, you get **183, 221, 147**, and if you desaturate by 10%, it is **206, 221, 191**.

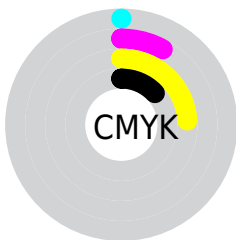
Distribution



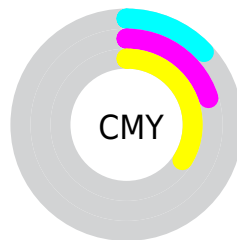
- Red (87%)
- Green (80%)
- Blue (66%)



- Red (76%)
- Yellow (87%)
- Blue (66%)



- Cyan (0%)
- Magenta (8%)
- Yellow (24%)
- Black (13%)



- Cyan (13%)
- Magenta (20%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 194, 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 194, 221, 169 by changing the saturation by 10% instead.

 194, 221, 169

255, 255, 255


 224, 255, 224

253, 255, 253

 194, 221, 169

 165, 193, 142

 139, 165, 117

 114, 139, 92

 88, 113, 68

 63, 88, 46

 39, 64, 24

 13, 42, 0

 10, 15, 0


 0, 0, 0

 194, 221, 169

 194, 221, 169

 183, 221, 147


 206, 221, 191


 171, 221, 125

 218, 221, 213


 159, 221, 103


 221, 225, 235


 150, 221, 81


 221, 230, 255


 137, 221, 58

 221, 233, 255

 125, 221, 36

 221, 236, 255

 113, 221, 14

 221, 238, 255

 107, 221, 0

 221, 238, 255

Harmonies

Analogous

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



237, 212, 175



194, 221, 169



173, 210, 182

Triad

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



194, 221, 169



157, 188, 223



229, 196, 225

Complementary

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



194, 221, 169



169, 182, 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.



208, 201, 238



194, 221, 169



164, 193, 237

Square

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



194, 221, 169



163, 193, 216



184, 200, 242



242, 193, 207

Rectangle

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



194, 221, 169



181, 213, 207



184, 200, 242



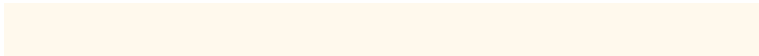
223, 197, 230

Sweetspot

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



194, 221, 169



246, 255, 237



221, 169, 186



123, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



194, 221, 169



218, 255, 184



169, 221, 178



105, 110, 99



83, 173, 0



22, 46, 0

Inverse Universe

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



169, 182, 221



184, 201, 255



178, 169, 221



99, 101, 110



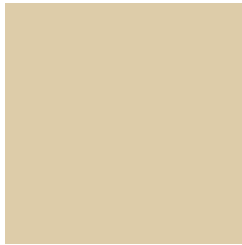
0, 42, 173



0, 11, 46

Previews

White Background



This preview shows how the RYB color 194, 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 194, 221, 169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

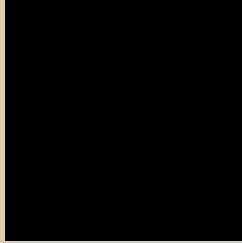
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

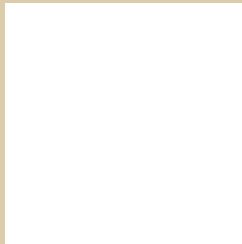
Any Text WCAG AAA ✓ Pass

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

RYB 194, 221, 169 Background



This preview shows how black text looks on a background with the RYB color 194, 221, 169.



This preview shows how white text looks on a background with the RYB color 194, 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
194, 221, 169

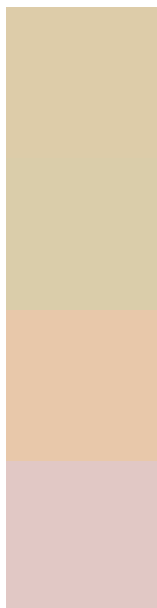
Protanopia
186, 217, 170

Deuteranopia
238, 218, 170



Tritanopia
227, 198, 213

Trichromacy



Original Color

194, 221, 169

Protanomaly

188, 218, 170

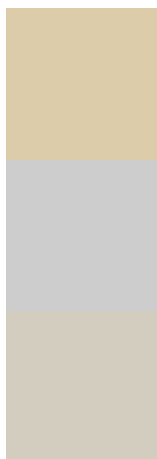
Deuteranomaly

232, 228, 170

Tritanomaly

225, 200, 197

Monochromacy



Original Color

194, 221, 169

Achromatopsia

205, 205, 205

Achromatomaly

201, 211, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 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, 204, 169) looks like.

```
.text, #text, p{  
    color:rgb(221, 204, 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, 204, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 204, 169) }
```

Border

The CSS property to change the border of an element to RYB 194, 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, 204, 169) }
```

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

```
.border{ border-color:rgb(221, 204, 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, 204, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 204, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 204, 169);  
box-shadow:4px 4px 4px 4px rgb(221, 204,  
169) }
```

Background

The CSS property to change the background color of an element to RYB 194, 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, 204, 169) }
```

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

```
.background{ background-color: rgb(221,  
204, 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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