

Converting Colors

`RYB(195, 242, 169)`

Have a look what the booklet for
RYB(195, 242, 169) contains.

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Color

R_YB(195, 242, 169)

Conversions

Conversions Part 1

Format	Color
Hex	F2DFA9
RGB	242, 223, 169
RGB Percent	95%, 87%, 66%
CMY	0.0510, 0.1262, 0.3373
CMYK	0.00, 0.08, 0.30, 0.05
HSL	44°, 74%, 81%
HSV	44°, 30%, 95%
XYZ	70.1212, 74.4255, 48.2059
YIQ	222.5250, 28.6580, -12.7660

Conversions

Conversions Part 2

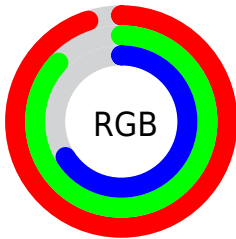
Format	Color
RYB	195, 242, 169
Decimal	15916969
CIELab	89.12, -1.32, 28.81
CIELCh	89, 28.845, 92.629
Yxy	74.4255, 0.3638, 0.3861
Android (android.graphics.Color)	4294107049 (0xFFFF2DFA9)
YUV	222.5250, -26.3878, 17.0796
Hunter-Lab	86.2702, -5.8864, 27.2592

Details

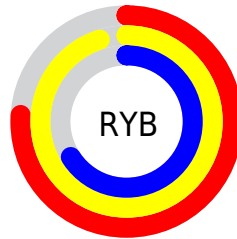
The RYB color **195, 242, 169** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **169, 184, 242**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **225, 255, 225**, and **139, 185, 116** is the 20% darker color. If you saturate the color by 10%, you get **181, 242, 145**, and if you desaturate by 10%, it is **211, 242, 193**.

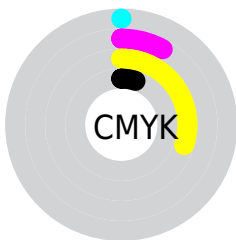
Distribution



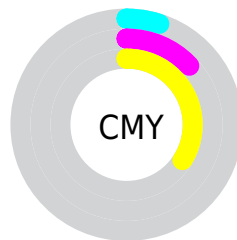
- Red (95%)
- Green (87%)
- Blue (66%)



- Red (76%)
- Yellow (95%)
- Blue (66%)



- Cyan (0%)
- Magenta (8%)
- Yellow (30%)
- Black (5%)



- Cyan (5%)
- Magenta (13%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 242, 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 195, 242, 169 by changing the saturation by 10% instead.

 195, 242, 169

255, 255, 255

 225, 255, 225


253, 255, 253


 195, 242, 169

 166, 213, 142

 139, 185, 116

 114, 158, 91

 87, 131, 67

 62, 105, 44

 36, 79, 22

 12, 56, 0

 7, 32, 0

 0, 0, 0

195, 242, 169

195, 242, 169

181, 242, 145

211, 242, 193

165, 242, 121

225, 242, 217

147, 242, 96

242, 242, 242

133, 242, 72

242, 246, 255

117, 242, 48

242, 249, 255

101, 242, 24

87, 242, 0

Harmonies

Analogous

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



255, 249, 176



195, 242, 169



177, 231, 196

Triad

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



195, 242, 169



145, 195, 253



255, 208, 250

Complementary

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



195, 242, 169



169, 184, 242

Split Complementary

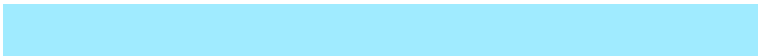
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232, 216, 255



195, 242, 169



160, 202, 255

Square

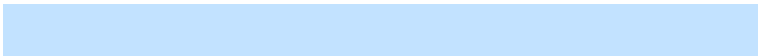
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



195, 242, 169



154, 201, 240



194, 215, 255



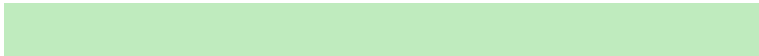
255, 204, 222

Rectangle

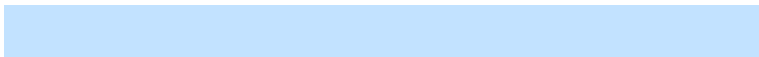
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



195, 242, 169



190, 235, 234



194, 215, 255



253, 210, 255

Sweetspot

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



195, 242, 169



240, 255, 232



242, 169, 188



118, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



195, 242, 169



195, 255, 163



169, 242, 186



112, 120, 108



67, 184, 0



20, 56, 0

Inverse Universe

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



169, 184, 242



163, 182, 255



186, 169, 242



108, 110, 120



0, 38, 184



0, 12, 56

Previews

White Background



This preview shows how the RYB color 195, 242, 169 looks on a white background.

Color Contrast Check

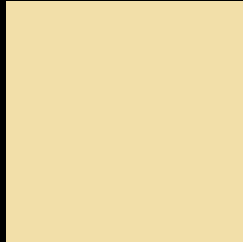
Large Text (above 18pt) WCAG AA × Fail

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 195, 242, 169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

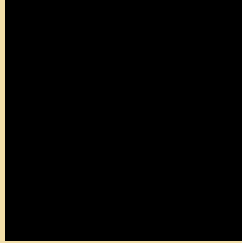
Any Text WCAG AA ✓ Pass

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 195, 242, 169 Background



This preview shows how black text looks on a background with the RYB color 195, 242, 169.

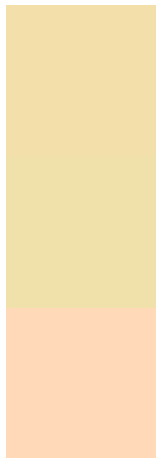


This preview shows how white text looks on a background with the RYB color 195, 242, 169.

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
195, 242, 169

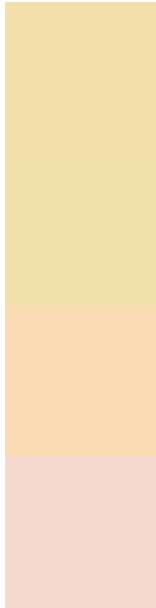
Protanopia
190, 240, 169

Deuteranopia
255, 246, 184



Tritanopia
249, 215, 231

Trichromacy



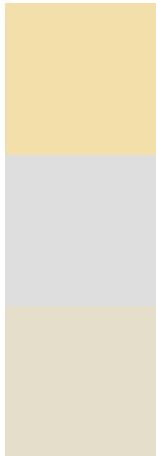
Original Color
195, 242, 169

Protanomaly
191, 241, 169

Deuteranomaly
234, 250, 179

Tritanomaly
246, 222, 208

Monochromacy



Original Color
195, 242, 169

Achromatopsia
222, 222, 222

Achromatomaly
213, 229, 203

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 242, 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(242, 223, 169) looks like.

```
.text, #text, p{  
    color:rgb(242, 223, 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(242, 223, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 223, 169) }
```

Border

The CSS property to change the border of an element to RYB 195, 242, 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(242, 223, 169) }
```

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

```
.border{ border-color:rgb(242, 223, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 223, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 223, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 223, 169); box-shadow:4px 4px 4px 4px rgb(242, 223, 169) }
```

Background

The CSS property to change the background color of an element to RYB 195, 242, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 223, 169) }
```

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

```
.background{ background-color: rgb(242,  
223, 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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