

Converting Colors

`RYB(211, 243, 195)`

Have a look what the booklet for
RYB(211, 243, 195) contains.

RYB(211, 243, 195)	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

$\text{RYB}(211, 243, 195)$

Conversions

Conversions Part 1

Format	Color
Hex	F3E7C3
RGB	243, 231, 195
RGB Percent	95%, 91%, 76%
CMY	0.0471, 0.0941, 0.2353
CMYK	0.00, 0.05, 0.20, 0.05
HSL	45°, 67%, 86%
HSV	45°, 20%, 95%
XYZ	75.3884, 80.1466, 63.1262
YIQ	230.4840, 18.7080, -8.6520

Conversions

Conversions Part 2

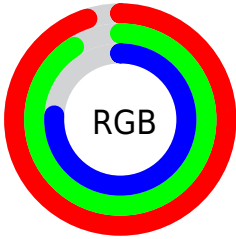
Format	Color
RYB	211, 243, 195
Decimal	15984579
CIELab	91.75, -1.61, 19.01
CIELCh	92, 19.077, 94.836
Yxy	80.1466, 0.3448, 0.3665
Android (android.graphics.Color)	4294174659 (0xFFFF3E7C3)
YUV	230.4840, -17.4936, 10.9765
Hunter-Lab	89.5247, -6.3540, 20.8603

Details

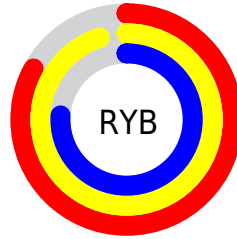
The RYB color **211, 243, 195** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **195, 205, 243**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **252, 255, 252**, and **154, 186, 141** is the 20% darker color. If you saturate the color by 10%, you get **195, 243, 171**, and if you desaturate by 10%, it is **227, 243, 219**.

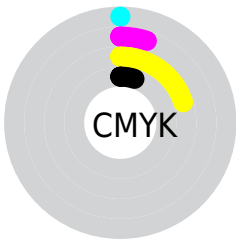
Distribution



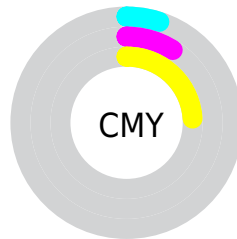
- Red (95%)
- Green (91%)
- Blue (76%)



- Red (83%)
- Yellow (95%)
- Blue (76%)



- Cyan (0%)
- Magenta (5%)
- Yellow (20%)
- Black (5%)



- Cyan (5%)
- Magenta (9%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 211, 243, 195 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 211, 243, 195 by changing the saturation by 10% instead.

■ 211, 243, 195

255, 255, 255

252, 255, 252

■ 211, 243, 195

■ 182, 214, 168

■ 154, 186, 141

■ 129, 159, 116

■ 104, 133, 91

■ 79, 107, 67

■ 54, 82, 45

■ 32, 59, 23

■ 9, 38, 0

■ 0, 7, 1

■ 211, 243, 195

■ 211, 243, 195

■ 195, 243, 171

■ 227, 243, 219

■ 178, 243, 146

■ 243, 243, 244

■ 162, 243, 122

■ 243, 247, 255

■ 146, 243, 98

■ 243, 249, 255

■ 130, 243, 74

■ 113, 243, 49

■ 99, 243, 25

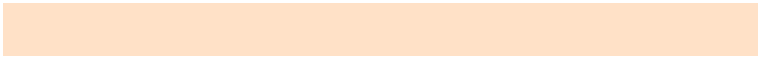
■ 83, 243, 1

■ 81, 243, 0

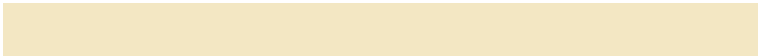
Harmonies

Analogous

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



255, 248, 199



211, 243, 195



201, 237, 216

Triad

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



211, 243, 195



184, 215, 252



255, 221, 247

Complementary

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



211, 243, 195



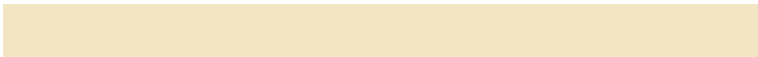
195, 205, 243

Split Complementary

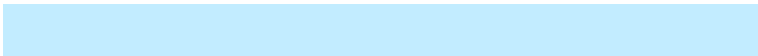
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



239, 226, 255



211, 243, 195



194, 219, 255

Square

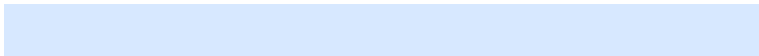
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



211, 243, 195



187, 217, 242



215, 227, 255



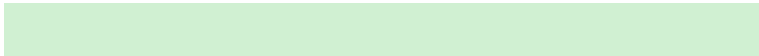
255, 219, 229

Rectangle

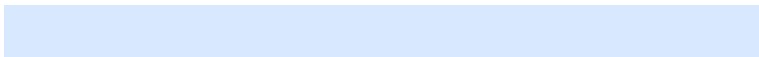
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



211, 243, 195



208, 238, 240



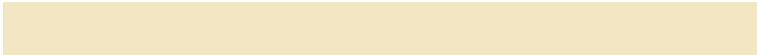
215, 227, 255



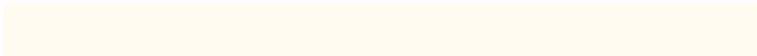
252, 222, 253

Sweetspot

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



211, 243, 195



245, 255, 240



243, 195, 207



124, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



211, 243, 195



214, 255, 194



195, 243, 207



114, 122, 110



61, 186, 0



20, 59, 0

Inverse Universe

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



195, 205, 243



194, 206, 255



207, 195, 243



110, 112, 122



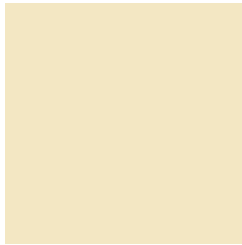
0, 38, 186



0, 12, 59

Previews

White Background



This preview shows how the RYB color 211, 243, 195 looks on a white background.

Color Contrast Check

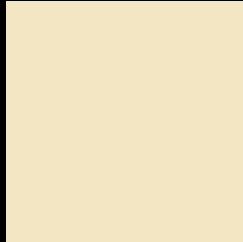
Large Text (above 18pt) WCAG AA × Fail

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 211, 243, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

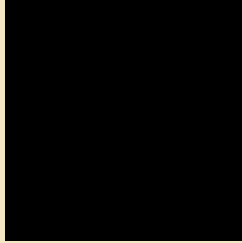
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

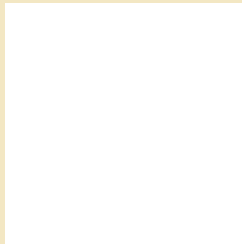
Any Text WCAG AAA ✓ Pass

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

RYB 211, 243, 195 Background



This preview shows how black text looks on a background with the RYB color 211, 243, 195.

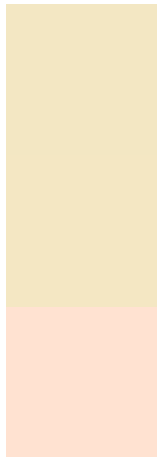


This preview shows how white text looks on a background with the RYB color 211, 243, 195.

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
211, 243, 195

Protanopia
213, 244, 195

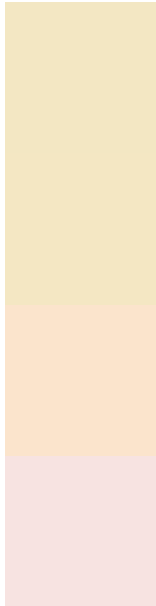
Deuteranopia
255, 236, 209



Tritanopia

249, 224, 242

Trichromacy



Original Color

211, 243, 195

Protanomaly

213, 244, 195

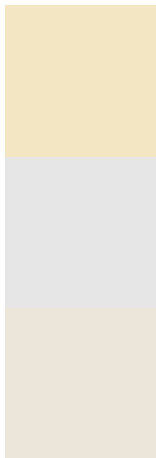
Deuteranomaly

249, 251, 204

Tritanomaly

247, 227, 225

Monochromacy



Original Color

211, 243, 195

Achromatopsia

230, 230, 230

Achromatomaly

224, 235, 217

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 243, 195 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(243, 231, 195) looks like.

```
.text, #text, p{  
    color:rgb(243, 231, 195)  
}
```

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(243, 231, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 231, 195) }
```

Border

The CSS property to change the border of an element to RYB 211, 243, 195 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(243, 231, 195) }
```

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

```
.border{ border-color:rgb(243, 231, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 231, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 231, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 231, 195);  
box-shadow:4px 4px 4px 4px rgb(243, 231,  
195) }
```

Background

The CSS property to change the background color of an element to RGB 211, 243, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 231, 195) }
```

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

```
.background{ background-color: rgb(243,  
231, 195) }
```

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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