

Converting Colors

`RYB(195, 243, 193)`

Have a look what the booklet for
RYB(195, 243, 193) contains.

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Color

R_YB(195, 243, 193)

Conversions

Conversions Part 1

Format	Color
Hex	F3F1C1
RGB	243, 241, 193
RGB Percent	95%, 95%, 76%
CMY	0.0471, 0.0546, 0.2431
CMYK	0.00, 0.01, 0.21, 0.05
HSL	58°, 68%, 85%
HSV	58°, 21%, 95%
XYZ	78.0659, 85.8611, 62.9104
YIQ	236.1260, 16.6000, -14.5040

Conversions

Conversions Part 2

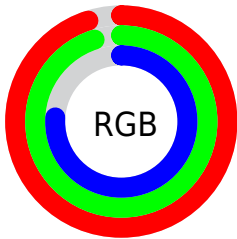
Format	Color
RYB	195, 243, 193
Decimal	15987137
CIELab	94.25, -6.98, 23.51
CIELCh	94, 24.527, 106.530
Yxy	85.8611, 0.3441, 0.3785
Android (android.graphics.Color)	4294177217 (0xFFFF3F1C1)
YUV	236.1260, -21.2611, 6.0285
Hunter-Lab	92.6613, -11.7734, 24.6092

Details

The RYB color **195, 243, 193** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **193, 195, 243**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is **250, 255, 250**, and **140, 186, 139** is the 20% darker color. If you saturate the color by 10%, you get **172, 243, 169**, and if you desaturate by 10%, it is **218, 243, 217**.

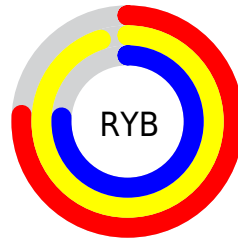
Distribution



Red (95%)

Green (95%)

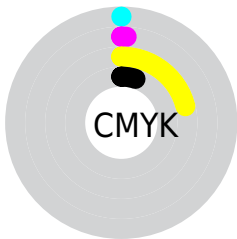
Blue (76%)



Red (76%)

Yellow (95%)

Blue (76%)

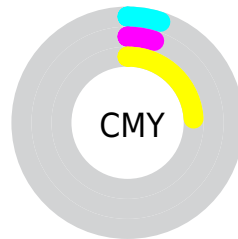


Cyan (0%)

Magenta (1%)

Yellow (21%)

Black (5%)



Cyan (5%)

Magenta (5%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 243, 193 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, 243, 193 by changing the saturation by 10% instead.


 195, 243, 193

255, 255, 255

 250, 255, 250

 195, 243, 193

 167, 214, 166


 140, 186, 139

 115, 159, 114


 90, 133, 89

 65, 107, 65

 42, 83, 43

 21, 60, 23

 0, 38, 1

 0, 18, 12

 195, 243, 193

 195, 243, 193

 172, 243, 169


 218, 243, 217

 148, 243, 144

 242, 243, 242

 125, 243, 120

 243, 244, 255

 102, 243, 96


 243, 245, 255

 79, 243, 72

 243, 245, 255

 55, 243, 47

 243, 246, 255

 31, 243, 23

 243, 247, 255

 9, 243, 0

 243, 247, 255

Harmonies

Analogous

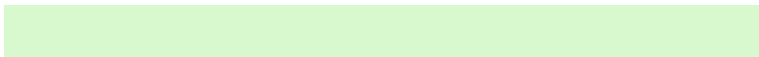
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227, 255, 193



195, 243, 193



205, 248, 237

Triad

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



195, 243, 193



178, 215, 255



255, 223, 250

Complementary

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



195, 243, 193



193, 195, 243

Split Complementary

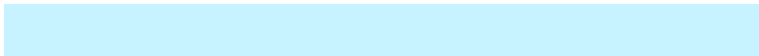
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 228, 255



195, 243, 193



198, 223, 255

Square

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



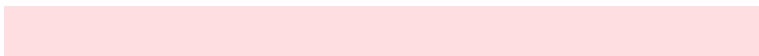
195, 243, 193



176, 214, 252



229, 235, 255



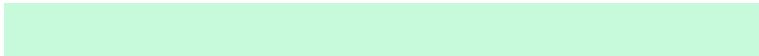
255, 222, 226

Rectangle

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



195, 243, 193



199, 236, 250



229, 235, 255



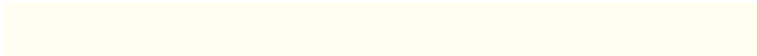
255, 224, 255

Sweetspot

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



195, 243, 193



241, 255, 240



243, 193, 195



120, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

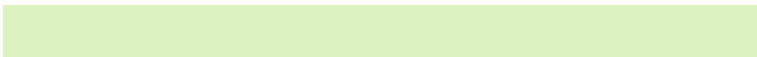
The Same Dimension uses a secret algorithm to generate beautiful new colors.



195, 243, 193



193, 255, 191



193, 243, 216



110, 122, 110



7, 186, 0



3, 59, 0

Inverse Universe

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



193, 195, 243



191, 194, 255



215, 193, 243



110, 111, 122



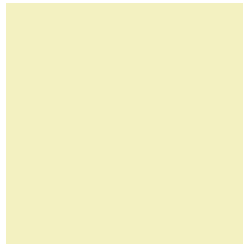
0, 7, 186



0, 2, 59

Previews

White Background



This preview shows how the RYB color 195, 243, 193 looks on a white background.

Color Contrast Check

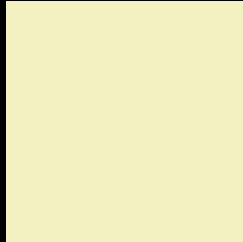
Large Text (above 18pt) WCAG AA × Fail

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, 243, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

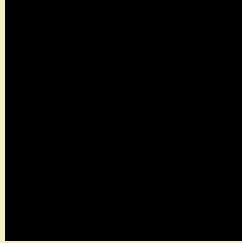
Any Text WCAG AA ✓ Pass

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, 243, 193 Background



This preview shows how black text looks on a background with the RYB color 195, 243, 193.

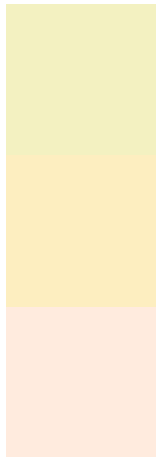


This preview shows how white text looks on a background with the RYB color 195, 243, 193.

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, 243, 193

Protanopia
212, 253, 192

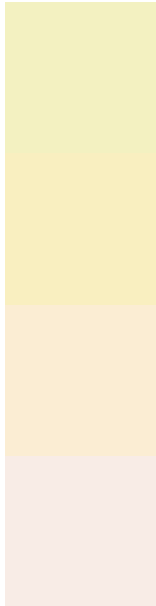
Deuteranopia
255, 243, 222



Tritanopia

251, 233, 251

Trichromacy



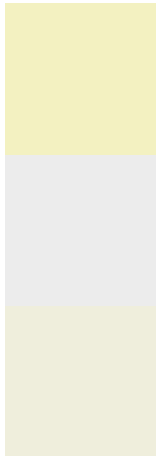
Original Color
195, 243, 193

Protanomaly
204, 249, 192

Deuteranomaly
233, 251, 211

Tritanomaly
248, 239, 230

Monochromacy



Original Color
195, 243, 193

Achromatopsia
236, 236, 236

Achromatomaly
221, 239, 220

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 243, 193 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, 241, 193)` looks like.

```
.text, #text, p{  
    color:rgb(243, 241, 193)  
}
```

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, 241, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 241, 193) }
```

Border

The CSS property to change the border of an element to RYB 195, 243, 193 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, 241, 193) }
```

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

```
.border{ border-color:rgb(243, 241, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 241, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 241, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 241, 193);  
box-shadow:4px 4px 4px 4px rgb(243, 241,  
193) }
```

Background

The CSS property to change the background color of an element to RYB 195, 243, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 241, 193) }
```

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

```
.background{ background-color: rgb(243,  
241, 193) }
```

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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