

Converting Colors

`RYB(194, 248, 159)`

Have a look what the booklet for
RYB(194, 248, 159) contains.

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Color

R_YB(194, 248, 159)

Conversions

Conversions Part 1

Format	Color
Hex	F8DF9F
RGB	248, 223, 159
RGB Percent	97%, 87%, 62%
CMY	0.0275, 0.1260, 0.3765
CMYK	0.00, 0.10, 0.36, 0.03
HSL	43°, 86%, 80%
HSV	43°, 36%, 97%
XYZ	71.3248, 75.1704, 43.5510
YIQ	223.1790, 35.4440, -14.6040

Conversions

Conversions Part 2

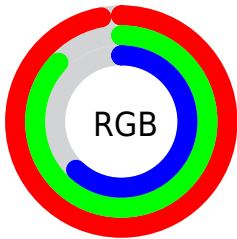
Format	Color
RYB	194, 248, 159
Decimal	16310175
CIELab	89.47, -0.26, 34.49
CIElCh	89, 34.492, 90.432
Yxy	75.1704, 0.3753, 0.3955
Android (android.graphics.Color)	4294500255 (0xFFFF8DF9F)
YUV	223.1790, -31.6402, 21.7680
Hunter-Lab	86.7009, -4.8828, 30.9084

Details

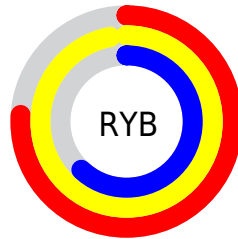
The RYB color **194, 248, 159** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **159, 179, 248**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **214, 255, 214**, and **137, 190, 107** is the 20% darker color. If you saturate the color by 10%, you get **178, 248, 134**, and if you desaturate by 10%, it is **209, 248, 184**.

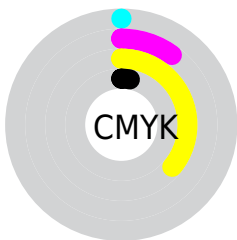
Distribution



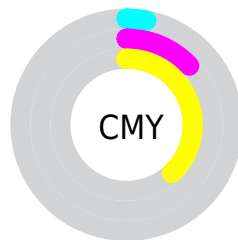
- Red (97%)
- Green (87%)
- Blue (62%)



- Red (76%)
- Yellow (97%)
- Blue (62%)



- Cyan (0%)
- Magenta (10%)
- Yellow (36%)
- Black (3%)



- Cyan (3%)
- Magenta (13%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 194, 248, 159 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, 248, 159 by changing the saturation by 10% instead.

 194, 248, 159


255, 255, 255

 214, 255, 214

 243, 255, 243

 194, 248, 159

 166, 219, 133

 137, 190, 107

 109, 162, 82

 83, 135, 58

 56, 109, 34

 29, 83, 10

 17, 59, 0

 10, 34, 0

 0, 0, 0

194, 248, 159

194, 248, 159

178, 248, 134

209, 248, 184

163, 248, 109

224, 248, 209

149, 248, 85

238, 248, 233

134, 248, 60

248, 250, 255

119, 248, 35

248, 252, 255

103, 248, 10

98, 248, 0

Harmonies

Analogous

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



255, 255, 169



194, 248, 159



167, 233, 187

Triad

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



194, 248, 159



123, 186, 255



255, 206, 255

Complementary

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



194, 248, 159



159, 179, 248

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.



230, 216, 255



194, 248, 159



140, 193, 255

Square

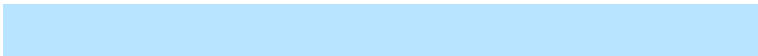
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



194, 248, 159



140, 197, 243



184, 211, 255



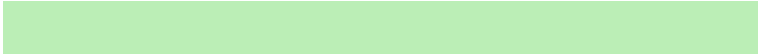
255, 201, 226

Rectangle

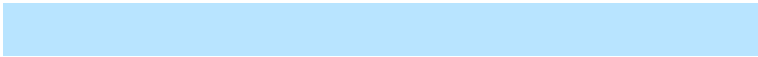
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



194, 248, 159



182, 238, 233



184, 211, 255



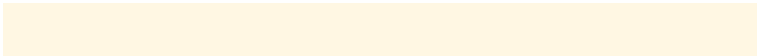
255, 209, 255

Sweetspot

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



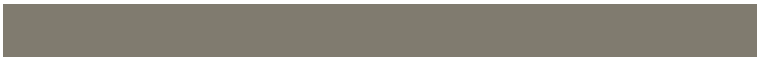
194, 248, 159



238, 255, 227



248, 159, 184



118, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



194, 248, 159



188, 255, 145



159, 248, 178



118, 125, 112



76, 189, 0



24, 61, 0

Inverse Universe

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



159, 179, 248



145, 169, 255



178, 159, 248



112, 115, 125



0, 41, 189



0, 13, 61

Previews

White Background



This preview shows how the RYB color 194, 248, 159 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, 248, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

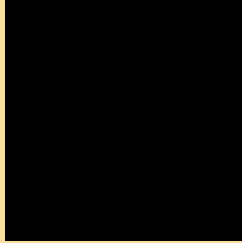
Any Text WCAG AA ✓ Pass

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, 248, 159 Background



This preview shows how black text looks on a background with the RYB color 194, 248, 159.



This preview shows how white text looks on a background with the RYB color 194, 248, 159.

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](#).

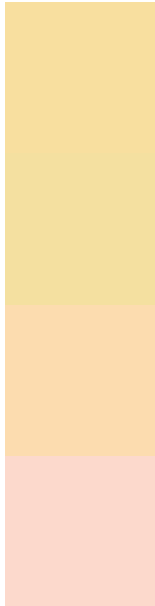
Dichromacy





Tritanopia
255, 214, 230

Trichromacy



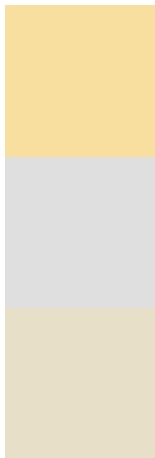
Original Color
194, 248, 159

Protanomaly
186, 244, 160

Deuteranomaly
230, 252, 175

Tritanomaly
252, 222, 204

Monochromacy



Original Color
194, 248, 159

Achromatopsia
223, 223, 223

Achromatomaly
213, 232, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 248, 159 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(248, 223, 159) looks like.

```
.text, #text, p{  
    color:rgb(248, 223, 159)  
}
```

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(248, 223, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 223, 159) }
```

Border

The CSS property to change the border of an element to RYB 194, 248, 159 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(248, 223, 159) }
```

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

```
.border{ border-color:rgb(248, 223, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 223, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 223, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 223, 159);  
box-shadow:4px 4px 4px 4px rgb(248, 223,  
159) }
```

Background

The CSS property to change the background color of an element to RYB 194, 248, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 223, 159) }
```

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

```
.background{ background-color: rgb(248,  
223, 159) }
```

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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