

Converting Colors

`RYB(194, 252, 155)`

Have a look what the booklet for
RYB(194, 252, 155) contains.

RYB(194, 252, 155)	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, 252, 155)

Conversions

Conversions Part 1

Format	Color
Hex	FCE09B
RGB	252, 224, 155
RGB Percent	99%, 88%, 61%
CMY	0.0118, 0.1208, 0.3922
CMYK	0.00, 0.11, 0.38, 0.01
HSL	43°, 94%, 80%
HSV	43°, 38%, 99%
XYZ	72.7664, 76.4722, 41.9358
YIQ	224.5060, 38.8370, -15.5230

Conversions

Conversions Part 2

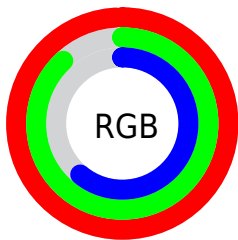
Format	Color
RYB	194, 252, 155
Decimal	16572571
CIELab	90.08, 0.17, 37.38
CIELCh	90, 37.380, 89.737
Yxy	76.4722, 0.3806, 0.4000
Android (android.graphics.Color)	4294762651 (0xFFFC09B)
YUV	224.5060, -34.2665, 24.1122
Hunter-Lab	87.4484, -4.5036, 32.7814

Details

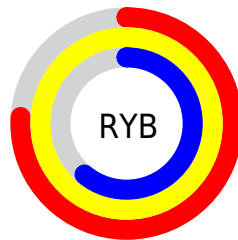
The RYB color **194, 252, 155** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **155, 177, 252**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **210, 255, 210**, and **137, 194, 103** is the 20% darker color. If you saturate the color by 10%, you get **179, 252, 130**, and if you desaturate by 10%, it is **210, 252, 180**.

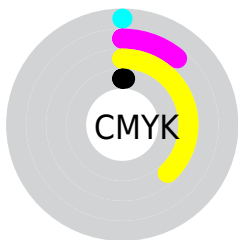
Distribution



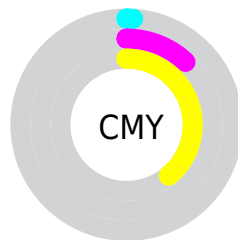
- Red (99%)
- Green (88%)
- Blue (61%)



- Red (76%)
- Yellow (99%)
- Blue (61%)



- Cyan (0%)
- Magenta (11%)
- Yellow (38%)
- Black (1%)



- Cyan (1%)
- Magenta (12%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 194, 252, 155 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, 252, 155 by changing the saturation by 10% instead.

 194, 252, 155

255, 255, 255

 210, 255, 210

 239, 255, 239

 194, 252, 155

 167, 223, 129

 137, 194, 103

 109, 166, 78

 82, 138, 54

 55, 112, 30

 25, 86, 4

 18, 61, 0

 12, 36, 0

 1, 0, 0

194, 252, 155

194, 252, 155

179, 252, 130

210, 252, 180

164, 252, 105

223, 252, 205

147, 252, 79

239, 252, 231

134, 252, 54

252, 253, 255

119, 252, 29

252, 254, 255

103, 252, 4

101, 252, 0

Harmonies

Analogous

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



249, 255, 166



194, 252, 155



164, 235, 185

Triad

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



194, 252, 155



111, 180, 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, 252, 155



155, 177, 252

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.



231, 217, 255



194, 252, 155



130, 189, 255

Square

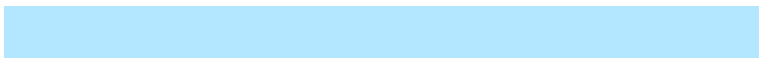
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



194, 252, 155



133, 195, 246



179, 210, 255



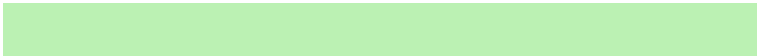
255, 200, 228

Rectangle

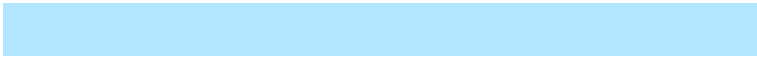
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



194, 252, 155



179, 241, 233



179, 210, 255



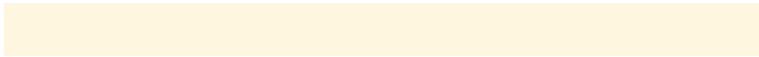
255, 209, 255

Sweetspot

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



194, 252, 155



237, 255, 224



252, 155, 184



119, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



194, 252, 155



186, 255, 138



155, 252, 174



118, 125, 112



76, 189, 0



24, 61, 0

Inverse Universe

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



155, 177, 252



138, 164, 255



174, 155, 252



112, 115, 125



0, 42, 189



0, 14, 61

Previews

White Background



This preview shows how the RYB color 194, 252, 155 looks on a white background.

Color Contrast Check

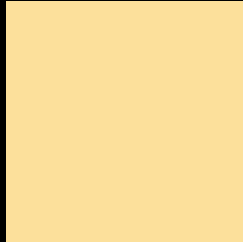
Large Text (above 18pt) WCAG AA × Fail

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, 252, 155 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, 252, 155 Background



This preview shows how black text looks on a background with the RYB color 194, 252, 155.



This preview shows how white text looks on a background with the RYB color 194, 252, 155.

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, 252, 155

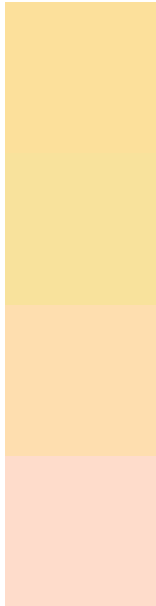
Protanopia
179, 245, 156

Deuteranopia
255, 255, 187



Tritanopia
255, 217, 230

Trichromacy



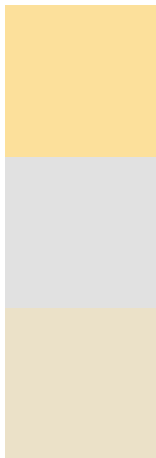
Original Color
194, 252, 155

Protanomaly
185, 248, 156

Deuteranomaly
229, 254, 175

Tritanomaly
254, 229, 203

Monochromacy



Original Color
194, 252, 155

Achromatopsia
225, 225, 225

Achromatomaly
214, 235, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 252, 155 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(252, 224, 155)` looks like.

```
.text, #text, p{  
    color:rgb(252, 224, 155)  
}
```

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(252, 224, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 224, 155) }
```

Border

The CSS property to change the border of an element to RYB 194, 252, 155 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(252, 224, 155) }
```

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

```
.border{ border-color:rgb(252, 224, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 224, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 224, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 224, 155);  
box-shadow:4px 4px 4px 4px rgb(252, 224,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 194, 252, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 224, 155) }
```

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

```
.background{ background-color: rgb(252,  
224, 155) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor