

Converting Colors

`RYB(207, 254, 194)`

Have a look what the booklet for
RYB(207, 254, 194) contains.

RYB(207, 254, 194)	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(207, 254, 194)

Conversions

Conversions Part 1

Format	Color
Hex	FEF3C2
RGB	254, 243, 194
RGB Percent	100%, 95%, 76%
CMY	0.0039, 0.0458, 0.2392
CMYK	0.00, 0.04, 0.24, 0.00
HSL	49°, 97%, 88%
HSV	49°, 24%, 100%
XYZ	82.7556, 89.2558, 63.9053
YIQ	240.7030, 22.2850, -12.9070

Conversions

Conversions Part 2

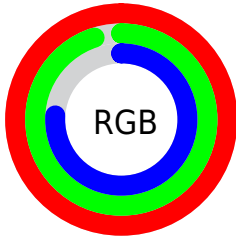
Format	Color
RYB	207, 254, 194
Decimal	16708546
CIELab	95.69, -3.97, 25.11
CIElCh	96, 25.424, 98.974
Yxy	89.2558, 0.3508, 0.3783
Android (android.graphics.Color)	4294898626 (0xFFFEF3C2)
YUV	240.7030, -23.0246, 11.6615
Hunter-Lab	94.4753, -8.9747, 26.0275

Details

The RYB color **207, 254, 194** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **194, 203, 254**, and the grayscale version is **241, 241, 241**.

A 20% lighter version of the original color is **251, 255, 251**, and **152, 197, 140** is the 20% darker color. If you saturate the color by 10%, you get **187, 254, 169**, and if you desaturate by 10%, it is **226, 254, 219**.

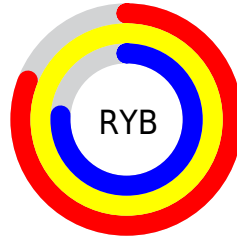
Distribution



Red (100%)

Green (95%)

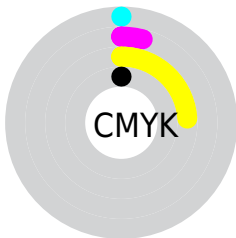
Blue (76%)



Red (81%)

Yellow (100%)

Blue (76%)

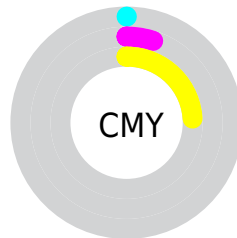


Cyan (0%)

Magenta (4%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 254, 194 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 207, 254, 194 by changing the saturation by 10% instead.

 207, 254, 194

255, 255, 255


 251, 255, 251

 207, 254, 194

 179, 225, 167

 152, 197, 140

 125, 169, 114

 99, 142, 90

 74, 116, 66

 50, 91, 43

 27, 67, 21

 4, 44, 0

 0, 20, 1

■ 207, 254, 194

■ 207, 254, 194

■ 187, 254, 169

■ 226, 254, 219

■ 167, 254, 143

■ 248, 254, 245

■ 147, 254, 118

254, 255, 255

■ 127, 254, 92

■ 107, 254, 67

■ 88, 254, 42

■ 67, 254, 16

■ 55, 254, 0

Harmonies

Analogous

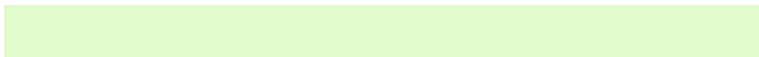
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228, 255, 197



207, 254, 194



204, 251, 229

Triad

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



207, 254, 194



176, 216, 255



255, 227, 255

Complementary

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



207, 254, 194



194, 203, 254

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, 234, 255



207, 254, 194



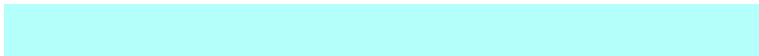
194, 223, 255

Square

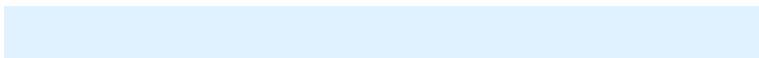
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



207, 254, 194



180, 219, 255



224, 235, 255



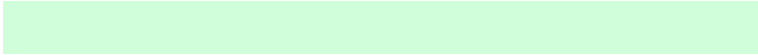
255, 225, 236

Rectangle

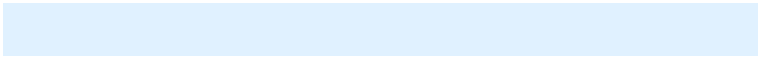
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



207, 254, 194



208, 246, 254



224, 235, 255



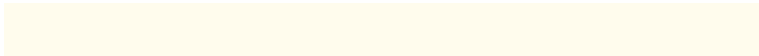
255, 229, 255

Sweetspot

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



207, 254, 194



241, 255, 237



254, 194, 205



119, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

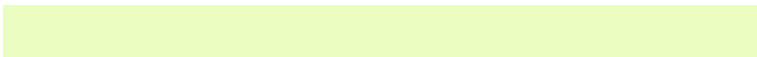
The Same Dimension uses a secret algorithm to generate beautiful new colors.



207, 254, 194



200, 255, 184



194, 254, 213



119, 128, 115



41, 191, 0



15, 64, 0

Inverse Universe

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



194, 203, 254



184, 194, 255



213, 194, 254



115, 117, 128



0, 29, 191



0, 9, 64

Previews

White Background



This preview shows how the RYB color 207, 254, 194 looks on a white background.

Color Contrast Check

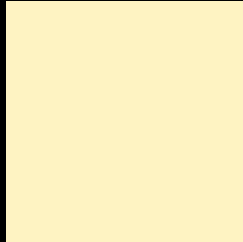
Large Text (above 18pt) WCAG AA × Fail

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 207, 254, 194 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 207, 254, 194 Background



This preview shows how black text looks on a background with the RYB color 207, 254, 194.



This preview shows how white text looks on a background with the RYB color 207, 254, 194.

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
207, 254, 194

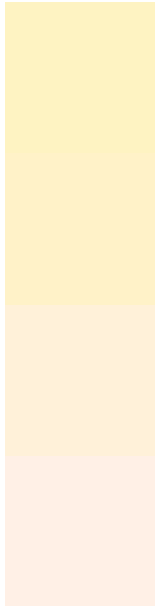
Protanopia
221, 255, 204

Deuteranopia
255, 247, 230



Tritanopia
255, 238, 250

Trichromacy



Original Color

207, 254, 194

Protanomaly

217, 255, 200

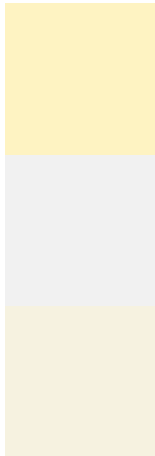
Deuteranomaly

239, 255, 217

Tritanomaly

255, 247, 230

Monochromacy



Original Color

207, 254, 194

Achromatopsia

241, 241, 241

Achromatomaly

229, 246, 224

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 254, 194 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(254, 243, 194) looks like.

```
.text, #text, p{  
    color:rgb(254, 243, 194)  
}
```

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(254, 243, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 243, 194) }
```

Border

The CSS property to change the border of an element to RYB 207, 254, 194 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(254, 243, 194) }
```

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

```
.border{ border-color:rgb(254, 243, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 243, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 243, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 243, 194);  
box-shadow:4px 4px 4px 4px rgb(254, 243,  
194) }
```

Background

The CSS property to change the background color of an element to RGB 207, 254, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 243, 194) }
```

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

```
.background{ background-color: rgb(254,  
243, 194) }
```

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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