

Converting Colors

`RYB(242, 255, 194)`

Have a look what the booklet for
RYB(242, 255, 194) contains.

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Color

R_YB(242, 255, 194)

Conversions

Conversions Part 1

Format	Color
Hex	FFE4C2
RGB	255, 228, 194
RGB Percent	100%, 89%, 76%
CMY	0.0000, 0.1053, 0.2392
CMYK	0.00, 0.11, 0.24, 0.00
HSL	34°, 100%, 88%
HSV	34°, 24%, 100%
XYZ	78.7589, 80.7176, 62.4680
YIQ	232.1970, 27.0060, -4.8500

Conversions

Conversions Part 2

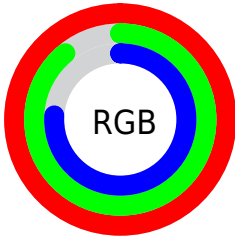
Format	Color
RYB	242, 255, 194
Decimal	16770242
CIELab	92.01, 4.09, 20.03
CIElCh	92, 20.444, 78.463
Yxy	80.7176, 0.3549, 0.3637
Android (android.graphics.Color)	4294960322 (0xFFFFE4C2)
YUV	232.1970, -18.8311, 19.9982
Hunter-Lab	89.8430, -0.7471, 21.6657

Details

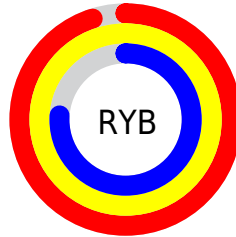
The RYB color **242, 255, 194** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **194, 213, 255**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **251, 255, 251**, and **184, 198, 140** is the 20% darker color. If you saturate the color by 10%, you get **237, 255, 169**, and if you desaturate by 10%, it is **248, 255, 219**.

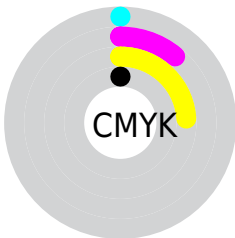
Distribution



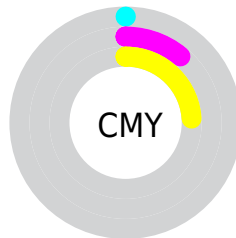
- Red (100%)
- Green (89%)
- Blue (76%)



- Red (95%)
- Yellow (100%)
- Blue (76%)



- Cyan (0%)
- Magenta (11%)
- Yellow (24%)
- Black (0%)



- Cyan (0%)
- Magenta (11%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 242, 255, 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 242, 255, 194 by changing the saturation by 10% instead.


 242, 255, 194

255, 255, 255


 251, 255, 251


 242, 255, 194

 213, 226, 167


 184, 198, 140

 158, 170, 115

 128, 143, 90

 102, 117, 66

 76, 91, 44

 51, 67, 23

 25, 45, 0

 19, 5, 0

242, 255, 194

242, 255, 194

237, 255, 169

248, 255, 219

230, 255, 143

252, 255, 245

228, 255, 118

255, 255, 255

221, 255, 92

214, 255, 66

209, 255, 41

203, 255, 16

200, 255, 0

Harmonies

Analogous

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



255, 233, 203



242, 255, 194



195, 235, 195

Triad

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



242, 255, 194



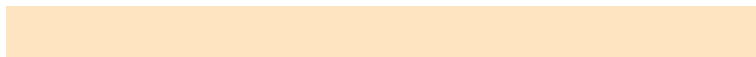
181, 212, 244



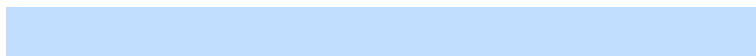
250, 223, 255

Complementary

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



242, 255, 194



194, 213, 255

Split Complementary

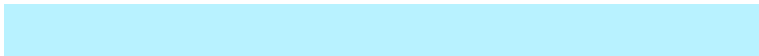
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



226, 230, 255



242, 255, 194



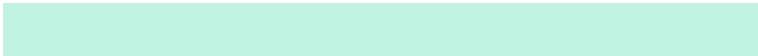
184, 216, 255

Square

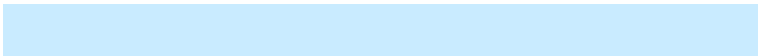
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242, 255, 194



192, 223, 243



201, 222, 255



255, 219, 240

Rectangle

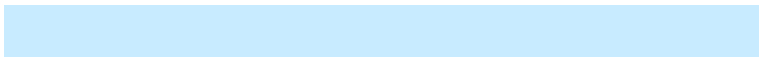
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



242, 255, 194



201, 238, 219



201, 222, 255



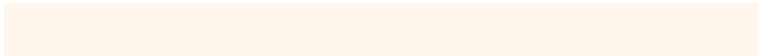
243, 225, 255

Sweetspot

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



242, 255, 194



251, 255, 237



255, 194, 221



126, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



242, 255, 194



241, 255, 181



194, 255, 197



126, 128, 115



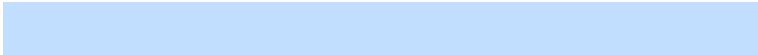
150, 191, 0



50, 64, 0

Inverse Universe

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



194, 213, 255



181, 204, 255



197, 194, 255



115, 119, 128



0, 58, 191



0, 19, 64

Previews

White Background



This preview shows how the RYB color 242, 255, 194 looks on a white background.

Color Contrast Check

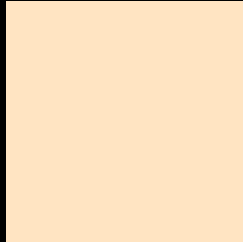
Large Text (above 18pt) WCAG AA × Fail

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 242, 255, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

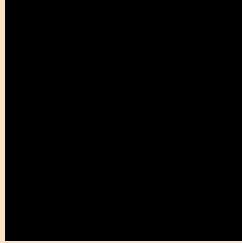
Any Text WCAG AA ✓ Pass

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](#).

R Y B 242, 255, 194 Background



This preview shows how black text looks on a background with the R Y B color 242, 255, 194.



This preview shows how white text looks on a background with the R Y B color 242, 255, 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](#).

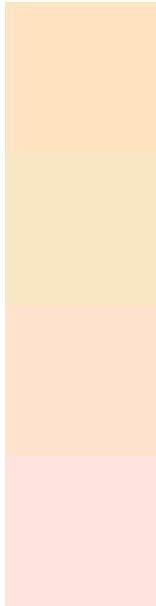
Dichromacy

	Original Color 242, 255, 194
	Protanopia 214, 245, 196
	Deuteranopia 255, 237, 210



Tritanopia
255, 224, 238

Trichromacy



Original Color

242, 255, 194

Protanomaly

222, 249, 195

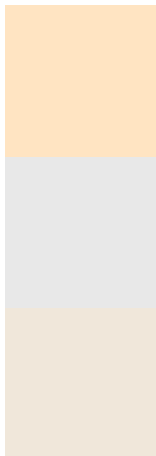
Deuteranomaly

255, 246, 204

Tritanomaly

255, 227, 222

Monochromacy



Original Color

242, 255, 194

Achromatopsia

232, 232, 232

Achromatomaly

233, 240, 218

CSS Examples

Text

The CSS property to change the color of the text to RYB 242, 255, 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(255, 228, 194) looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 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(255, 228, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 194) }
```

Border

The CSS property to change the border of an element to RYB 242, 255, 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(255, 228, 194) }
```

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

```
.border{ border-color:rgb(255, 228, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 228, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 228, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 228, 194); box-shadow:4px 4px 4px 4px rgb(255, 228, 194) }
```

Background

The CSS property to change the background color of an element to RGB 255, 228, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 194) }
```

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

```
.background{ background-color: rgb(255,  
228, 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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