

Converting Colors

`RYB(230, 254, 199)`

Have a look what the booklet for
RYB(230, 254, 199) contains.

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Color

RYB(230, 254, 199)

Conversions

Conversions Part 1

Format	Color
Hex	FEEAC7
RGB	254, 234, 199
RGB Percent	100%, 92%, 78%
CMY	0.0039, 0.0817, 0.2196
CMYK	0.00, 0.08, 0.22, 0.00
HSL	38°, 96%, 89%
HSV	38°, 22%, 100%
XYZ	80.6544, 84.1394, 66.0224
YIQ	235.9900, 23.1550, -6.6450

Conversions

Conversions Part 2

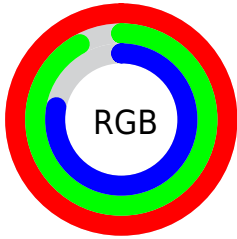
Format	Color
R _Y B	230, 254, 199
Decimal	16706247
CIE Lab	93.51, 1.34, 19.53
CIE LCh	94, 19.577, 86.079
Yxy	84.1394, 0.3494, 0.3645
Android (android.graphics.Color)	4294896327 (0xFFFEAC7)
YUV	235.9900, -18.2361, 15.7948
Hunter-Lab	91.7275, -3.5713, 21.5343

Details

The RYB color **230, 254, 199** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **199, 214, 254**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is **255, 255, 255**, and **175, 197, 145** is the 20% darker color. If you saturate the color by 10%, you get **219, 254, 174**, and if you desaturate by 10%, it is **241, 254, 224**.

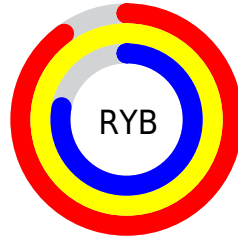
Distribution



Red (100%)

Green (92%)

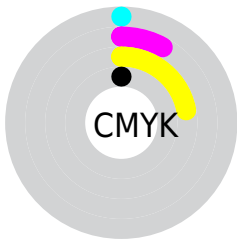
Blue (78%)



Red (90%)

Yellow (100%)

Blue (78%)

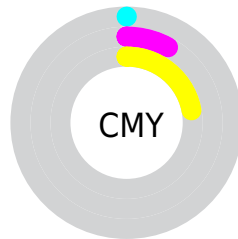


Cyan (0%)

Magenta (8%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 230, 254, 199 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 230, 254, 199 by changing the saturation by 10% instead.

 230, 254, 199


255, 255, 255

 230, 254, 199

 202, 225, 172

 173, 197, 145

 145, 169, 119


 118, 142, 94

 94, 116, 71

 69, 91, 48

 45, 67, 26

 18, 45, 1

 16, 20, 0

230, 254, 199

230, 254, 199

219, 254, 174

241, 254, 224

207, 254, 148

254, 254, 250

196, 254, 123

254, 255, 255

184, 254, 97

176, 254, 72

165, 254, 47

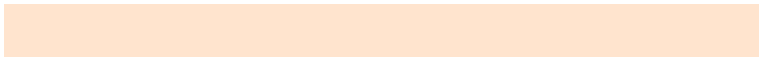
152, 254, 21

144, 254, 0

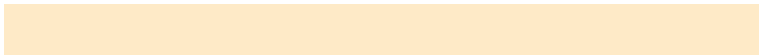
Harmonies

Analogous

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



255, 246, 206



230, 254, 199



202, 240, 209

Triad

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



230, 254, 199



187, 218, 252



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.



230, 254, 199



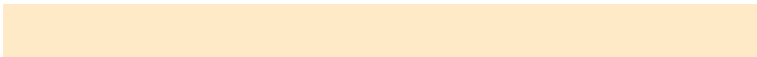
199, 214, 254

Split Complementary

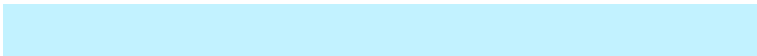
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237, 232, 255



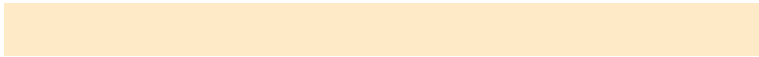
230, 254, 199



194, 221, 255

Square

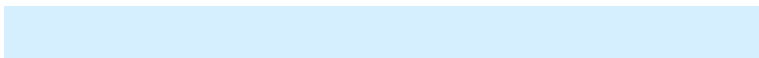
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230, 254, 199



194, 225, 247



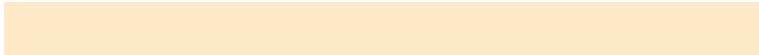
213, 229, 255



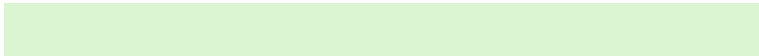
255, 224, 240

Rectangle

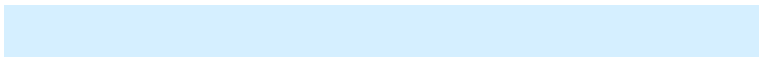
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



230, 254, 199



210, 244, 235



213, 229, 255



252, 228, 255

Sweetspot

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



230, 254, 199



250, 255, 240



254, 199, 219



126, 128, 119



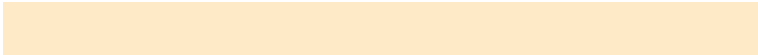
0, 0, 0



128, 128, 128

Same Dimension

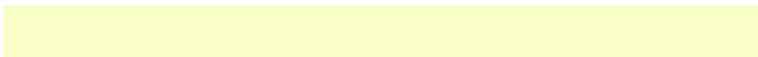
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230, 254, 199



227, 255, 189



199, 254, 206



123, 128, 115



108, 191, 0



36, 64, 0

Inverse Universe

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



199, 214, 254



189, 207, 255



206, 199, 254



115, 118, 128



0, 51, 191



0, 17, 64

Previews

White Background



This preview shows how the RYB color 230, 254, 199 looks on a white background.

Color Contrast Check

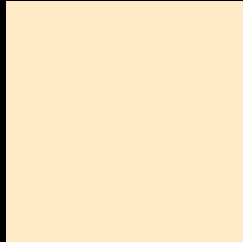
Large Text (above 18pt) WCAG AA × Fail

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 230, 254, 199 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

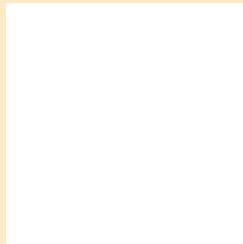
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 230, 254, 199 Background



This preview shows how black text looks on a background with the RYB color 230, 254, 199.

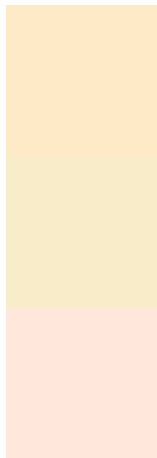


This preview shows how white text looks on a background with the RYB color 230, 254, 199.

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
230, 254, 199

Protanopia
218, 249, 200

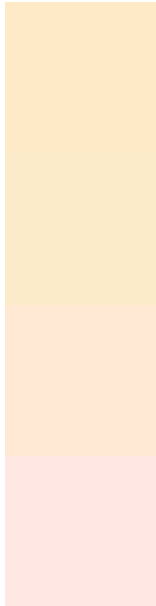
Deuteranopia
255, 239, 219



Tritanopia

255, 230, 244

Trichromacy



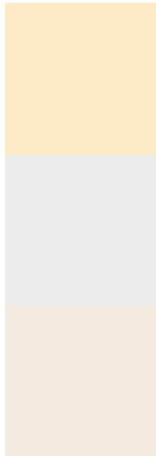
Original Color
230, 254, 199

Protanomaly
223, 251, 200

Deuteranomaly
255, 253, 212

Tritanomaly
255, 233, 228

Monochromacy



Original Color
230, 254, 199

Achromatopsia
236, 236, 236

Achromatomaly
236, 243, 223

CSS Examples

Text

The CSS property to change the color of the text to RYB 230, 254, 199 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, 234, 199) looks like.

```
.text, #text, p{  
    color:rgb(254, 234, 199)  
}
```

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, 234, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 234, 199) }
```

Border

The CSS property to change the border of an element to RYB 230, 254, 199 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, 234, 199) }
```

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

```
.border{ border-color:rgb(254, 234, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 234, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 234, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 234, 199);  
box-shadow:4px 4px 4px 4px rgb(254, 234,  
199) }
```

Background

The CSS property to change the background color of an element to RYB 230, 254, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 234, 199) }
```

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

```
.background{ background-color: rgb(254,  
234, 199) }
```

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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