

Converting Colors

`RYB(255, 249, 196)`

Have a look what the booklet for
RYB(255, 249, 196) contains.

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Color

`RYB(255, 249, 196)`

Conversions

Conversions Part 1

Format	Color
Hex	FFE0C4
RGB	255, 224, 196
RGB Percent	100%, 88%, 77%
CMY	0.0000, 0.1219, 0.2314
CMYK	0.00, 0.12, 0.23, 0.00
HSL	28°, 100%, 88%
HSV	28°, 23%, 100%
XYZ	77.8379, 78.5136, 63.2767
YIQ	230.0770, 27.4640, -2.1360

Conversions

Conversions Part 2

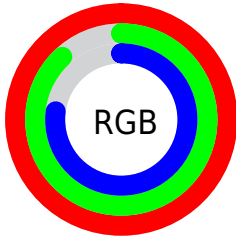
Format	Color
R _Y B	255, 249, 196
Decimal	16769220
CIE Lab	91.01, 6.53, 17.61
CIE LCh	91, 18.777, 69.658
Yxy	78.5136, 0.3544, 0.3575
Android (android.graphics.Color)	4294959300 (0xFFFFE0C4)
YUV	230.0770, -16.8000, 21.8575
Hunter-Lab	88.6079, 1.7399, 19.6854

Details

The RYB color **255, 249, 196** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **196, 216, 255**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **253, 255, 253**, and **198, 194, 142** is the 20% darker color. If you saturate the color by 10%, you get **255, 244, 171**, and if you desaturate by 10%, it is **255, 250, 222**.

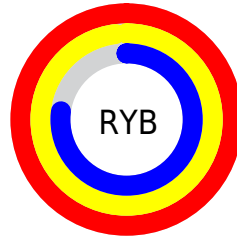
Distribution



Red (100%)

Green (88%)

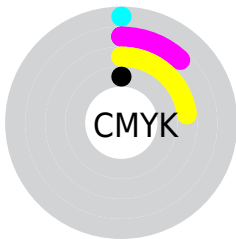
Blue (77%)



Red (100%)

Yellow (98%)

Blue (77%)

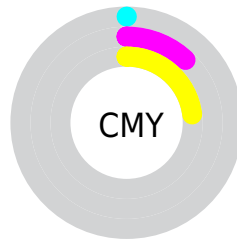


Cyan (0%)

Magenta (12%)

Yellow (23%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 249, 196 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 255, 249, 196 by changing the saturation by 10% instead.

 255, 249, 196


 255, 249, 196


255, 255, 255

 226, 220, 169

253, 255, 253

 198, 194, 142

 170, 164, 117

 143, 141, 92

 117, 115, 68

 92, 92, 46

 67, 67, 25

 33, 45, 0

 20, 0, 0

 255, 249, 196

 255, 249, 196

 255, 244, 171

 255, 250, 222

 255, 244, 145

 255, 255, 247

 255, 242, 120

255, 255, 255

 255, 238, 94

 255, 236, 69

 255, 232, 43

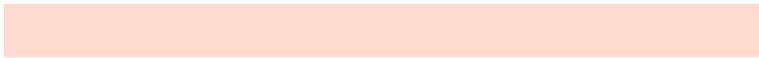
 255, 230, 18

 255, 230, 0

Harmonies

Analogous

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



255, 223, 207



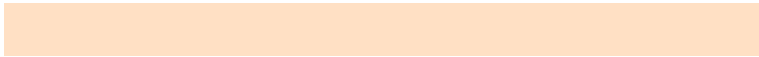
255, 249, 196



204, 238, 194

Triad

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



255, 249, 196



185, 214, 240



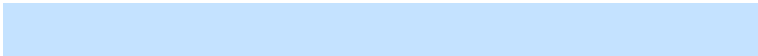
240, 223, 255

Complementary

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



255, 249, 196



196, 216, 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.



217, 226, 255



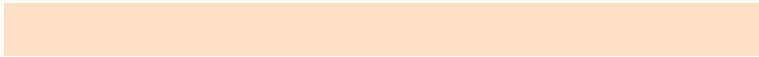
255, 249, 196



183, 213, 251

Square

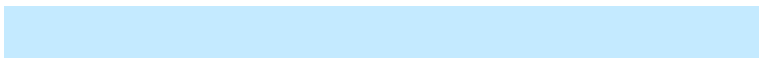
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



255, 249, 196



198, 226, 239



196, 219, 255



255, 218, 242

Rectangle

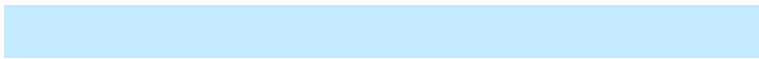
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



255, 249, 196



198, 234, 208



196, 219, 255



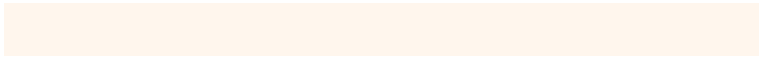
232, 225, 255

Sweetspot

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



255, 249, 196



255, 255, 237



255, 196, 227



128, 126, 117



0, 0, 0



128, 128, 128

Same Dimension

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



255, 249, 196



255, 246, 184



198, 255, 196



128, 126, 115



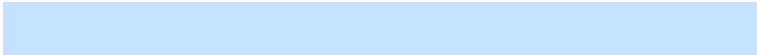
191, 174, 0



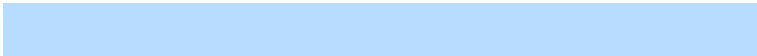
64, 56, 0

Inverse Universe

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



196, 216, 255



184, 208, 255



196, 198, 255



115, 119, 128



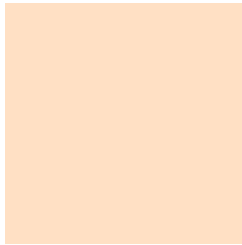
0, 66, 191



0, 22, 64

Previews

White Background



This preview shows how the RYB color 255, 249, 196 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 255, 249, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

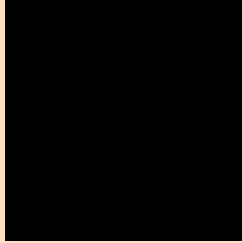
Any Text WCAG AA ✓ Pass

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 255, 249, 196 Background



This preview shows how black text looks on a background with the RYB color 255, 249, 196.



This preview shows how white text looks on a background with the RYB color 255, 249, 196.

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

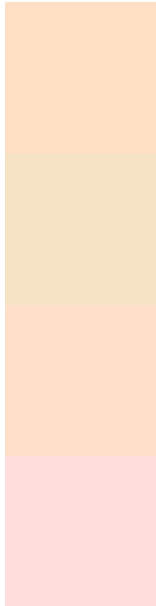
	Original Color 255, 249, 196
	Protanopia 215, 241, 198
	Deuteranopia 255, 232, 206



Tritanopia

255, 220, 234

Trichromacy



Original Color

255, 249, 196

Protanomaly

228, 246, 197

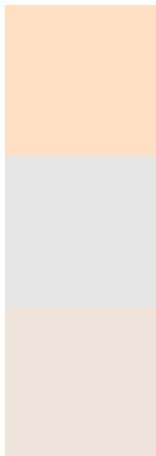
Deuteranomaly

255, 237, 202

Tritanomaly

255, 221, 220

Monochromacy



Original Color

255, 249, 196

Achromatopsia

230, 230, 230

Achromatomaly

239, 237, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 249, 196 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, 224, 196) looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 196)  
}
```

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, 224, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 196) }
```

Border

The CSS property to change the border of an element to RYB 255, 249, 196 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, 224, 196) }
```

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

```
.border{ border-color:rgb(255, 224, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 224, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
196) }
```

Background

The CSS property to change the background color of an element to RYB 255, 224, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 196) }
```

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

```
.background{ background-color: rgb(255,  
224, 196) }
```

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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