

Converting Colors

`RYB(255, 243, 200)`

Have a look what the booklet for
RYB(255, 243, 200) contains.

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Color

R_YB(255, 243, 200)

Conversions

Conversions Part 1

Format	Color
Hex	FFE0C8
RGB	255, 224, 200
RGB Percent	100%, 88%, 78%
CMY	0.0000, 0.1210, 0.2157
CMYK	0.00, 0.12, 0.22, 0.00
HSL	26°, 100%, 89%
HSV	26°, 22%, 100%
XYZ	78.3566, 78.8128, 65.7261
YIQ	230.5330, 26.1800, -0.8920

Conversions

Conversions Part 2

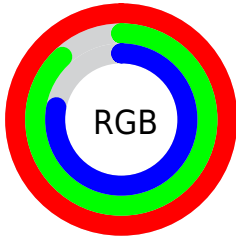
Format	Color
R _Y B	255, 243, 200
Decimal	16769224
CIE Lab	91.15, 6.98, 15.71
CIE LCh	91, 17.194, 66.052
Yxy	78.8128, 0.3515, 0.3536
Android (android.graphics.Color)	4294959304 (0xFFFFE0C8)
YUV	230.5330, -15.0528, 21.4576
Hunter-Lab	88.7766, 2.1901, 18.2480

Details

The RYB color **255, 243, 200** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **200, 220, 255**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **255, 255, 255**, and **198, 187, 146** is the 20% darker color. If you saturate the color by 10%, you get **255, 237, 175**, and if you desaturate by 10%, it is **255, 246, 226**.

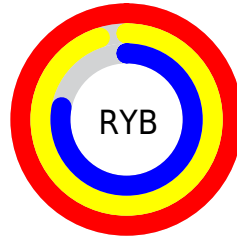
Distribution



Red (100%)

Green (88%)

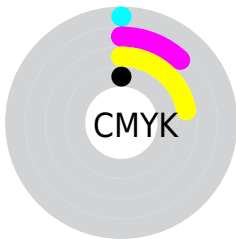
Blue (78%)



Red (100%)

Yellow (95%)

Blue (78%)

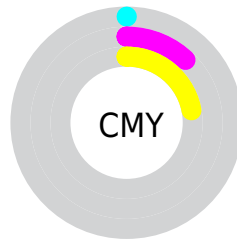


Cyan (0%)

Magenta (12%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 243, 200 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, 243, 200 by changing the saturation by 10% instead.


 255, 243, 200


255, 255, 255

 255, 243, 200

 226, 214, 173

 198, 187, 146

 170, 163, 120

 143, 136, 95

 117, 108, 72

 92, 86, 49

 67, 65, 28

 38, 45, 3

 21, 0, 0

255, 243, 200

255, 243, 200

255, 237, 175

255, 246, 226

255, 233, 149

255, 255, 251

255, 226, 123

255, 255, 255

255, 221, 98

255, 216, 73

255, 209, 47

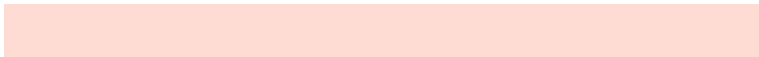
255, 203, 22

255, 200, 0

Harmonies

Analogous

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



255, 222, 211



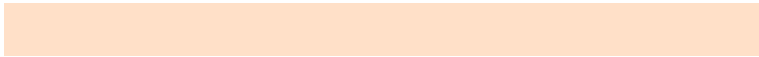
255, 243, 200



210, 240, 197

Triad

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



255, 243, 200



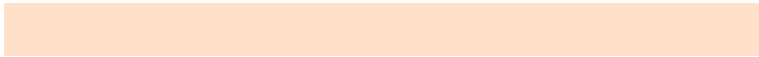
190, 216, 239



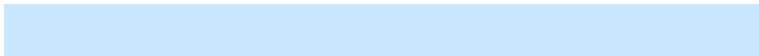
237, 224, 255

Complementary

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



255, 243, 200



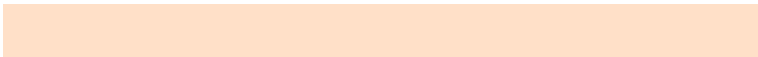
200, 220, 255

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.



216, 226, 255



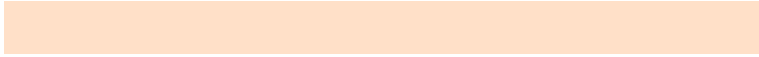
255, 243, 200



188, 215, 248

Square

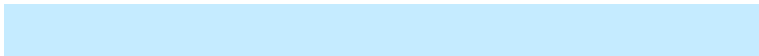
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



255, 243, 200



203, 229, 238



197, 220, 255



254, 220, 243

Rectangle

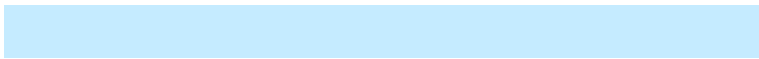
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



255, 243, 200



200, 233, 206



197, 220, 255



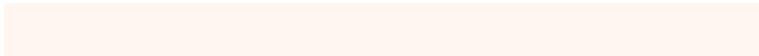
230, 226, 255

Sweetspot

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



255, 243, 200



255, 250, 240



255, 200, 231



128, 124, 119



0, 0, 0



128, 128, 128

Same Dimension

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



255, 243, 200



255, 241, 189



204, 255, 200



128, 123, 115



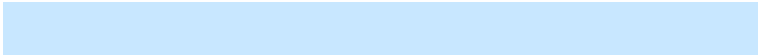
191, 150, 0



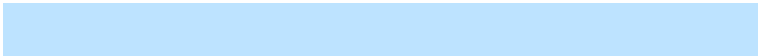
64, 50, 0

Inverse Universe

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



200, 220, 255



189, 213, 255



200, 204, 255



115, 120, 128



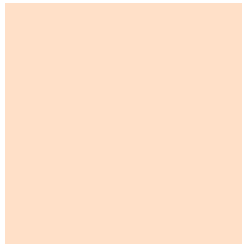
0, 69, 191



0, 23, 64

Previews

White Background



This preview shows how the RYB color 255, 243, 200 looks on a white background.

Color Contrast Check

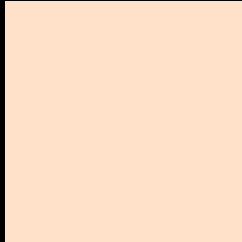
Large Text (above 18pt) WCAG AA × Fail

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, 243, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

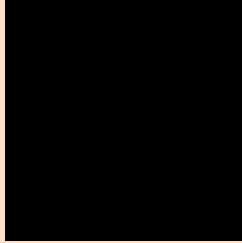
Any Text WCAG AA ✓ Pass

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, 243, 200 Background



This preview shows how black text looks on a background with the RYB color 255, 243, 200.


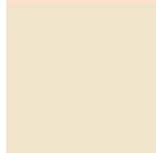
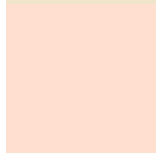


This preview shows how white text looks on a background with the RYB color 255, 243, 200.

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](#).

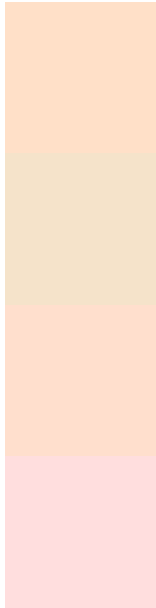
Dichromacy

	Original Color 255, 243, 200
	Protanopia 219, 240, 203
	Deuteranopia 255, 230, 208



Tritanopia
255, 221, 235

Trichromacy



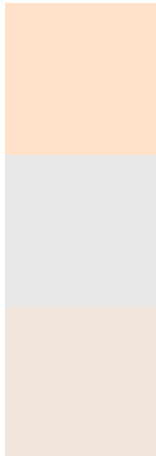
Original Color
255, 243, 200

Protanomaly
233, 245, 202

Deuteranomaly
255, 233, 205

Tritanomaly
255, 222, 222

Monochromacy



Original Color
255, 243, 200

Achromatopsia
231, 231, 231

Achromatomaly
240, 236, 220

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 243, 200 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, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 200)  
}
```

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, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 200) }
```

Border

The CSS property to change the border of an element to RYB 255, 243, 200 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, 200) }
```

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

```
.border{ border-color:rgb(255, 224, 200) }
```

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, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
200) }
```

Background

The CSS property to change the background color of an element to RYB 255, 243, 200 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, 200) }
```

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

```
.background{ background-color: rgb(255,  
224, 200) }
```

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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