

Converting Colors

`RYB(252, 250, 199)`

Have a look what the booklet for
RYB(252, 250, 199) contains.

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Color

R_YB(252, 250, 199)

Conversions

Conversions Part 1

Format	Color
Hex	FCE1C7
RGB	252, 225, 199
RGB Percent	99%, 88%, 78%
CMY	0.0118, 0.1177, 0.2196
CMYK	0.00, 0.11, 0.21, 0.01
HSL	29°, 90%, 88%
HSV	29°, 21%, 99%
XYZ	77.3763, 78.6642, 65.1384
YIQ	230.1090, 24.4380, -2.3620

Conversions

Conversions Part 2

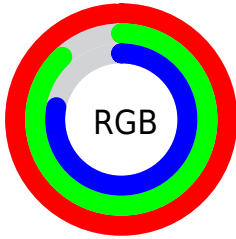
Format	Color
R _Y B	252, 250, 199
Decimal	16572871
CIE Lab	91.08, 5.31, 16.10
CIE LCh	91, 16.954, 71.762
Yxy	78.6642, 0.3498, 0.3557
Android (android.graphics.Color)	4294762951 (0xFFFC _{E1} C7)
YUV	230.1090, -15.3367, 19.1984
Hunter-Lab	88.6928, 0.5123, 18.5408

Details

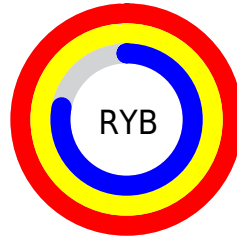
The RYB color **252, 250, 199** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **199, 217, 252**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 255**, and **195, 195, 145** is the 20% darker color. If you saturate the color by 10%, you get **252, 248, 174**, and if you desaturate by 10%, it is **252, 252, 224**.

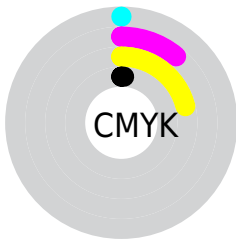
Distribution



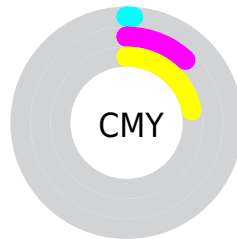
- Red (99%)
- Green (88%)
- Blue (78%)



- Red (99%)
- Yellow (98%)
- Blue (78%)



- Cyan (0%)
- Magenta (11%)
- Yellow (21%)
- Black (1%)



- Cyan (1%)
- Magenta (12%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 252, 250, 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 252, 250, 199 by changing the saturation by 10% instead.


 252, 250, 199


255, 255, 255

 252, 250, 199

 223, 221, 172


 195, 195, 145

 167, 167, 119

 141, 141, 95

 115, 115, 71

 83, 89, 48

 61, 65, 27

 30, 43, 1

 18, 0, 0

 252, 250, 199

 252, 250, 199

 252, 248, 174

 252, 252, 224


 252, 246, 149

 251, 252, 249

 252, 246, 123

 252, 254, 255

 252, 248, 98

 252, 246, 73

 252, 244, 48

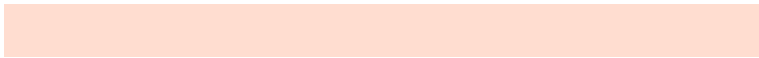
 252, 242, 23

 252, 244, 0

Harmonies

Analogous

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



255, 226, 208



252, 250, 199



205, 236, 198

Triad

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



252, 250, 199



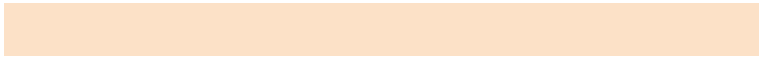
189, 215, 239



240, 223, 254

Complementary

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



252, 250, 199



199, 217, 252

Split Complementary

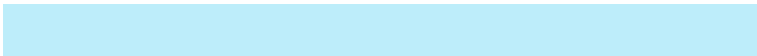
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



220, 227, 255



252, 250, 199



189, 216, 250

Square

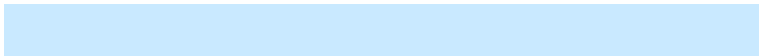
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



252, 250, 199



200, 225, 238



201, 221, 255



255, 219, 240

Rectangle

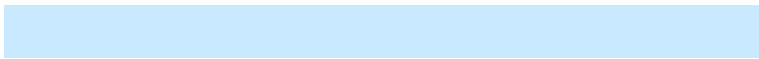
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



252, 250, 199



202, 234, 213



201, 221, 255



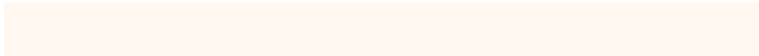
234, 225, 255

Sweetspot

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



252, 250, 199



255, 253, 240



252, 199, 226



128, 126, 119



0, 0, 0



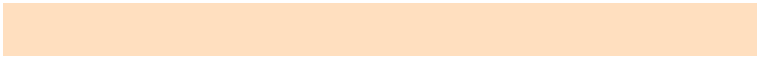
128, 128, 128

Same Dimension

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



252, 250, 199



255, 255, 191



200, 252, 199



123, 125, 112



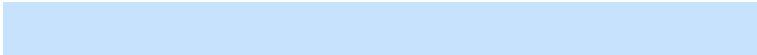
189, 183, 0



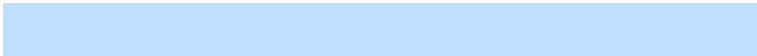
61, 59, 0

Inverse Universe

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



199, 217, 252



191, 213, 255



199, 200, 252



112, 117, 125



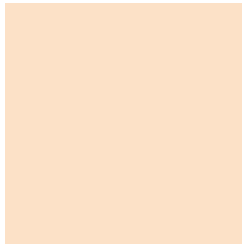
0, 64, 189



0, 21, 61

Previews

White Background



This preview shows how the RYB color 252, 250, 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 252, 250, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

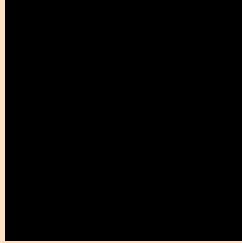
Any Text WCAG AA ✓ Pass

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 252, 250, 199 Background



This preview shows how black text looks on a background with the RYB color 252, 250, 199.

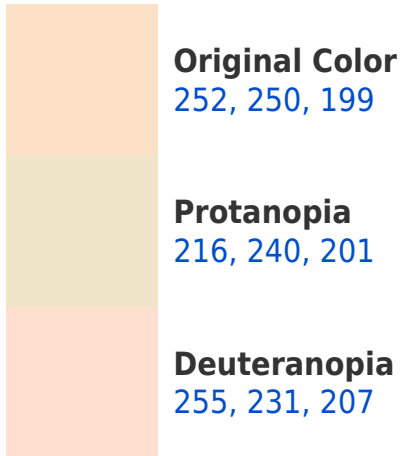


This preview shows how white text looks on a background with the RYB color 252, 250, 199.

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](#).

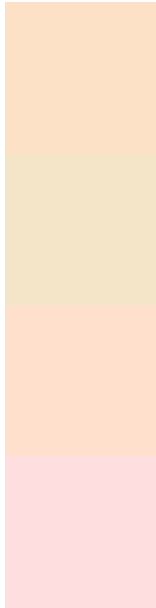
Dichromacy





Tritanopia
255, 220, 236

Trichromacy



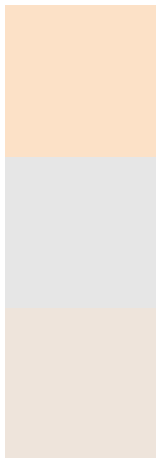
Original Color
252, 250, 199

Protanomaly
225, 244, 200

Deuteranomaly
254, 237, 204

Tritanomaly
254, 222, 223

Monochromacy



Original Color
252, 250, 199

Achromatopsia
230, 230, 230

Achromatomaly
238, 236, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 250, 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(252, 225, 199)` looks like.

```
.text, #text, p{  
    color:rgb(252, 225, 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(252, 225, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 225, 199) }
```

Border

The CSS property to change the border of an element to RYB 252, 250, 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(252, 225, 199) }
```

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

```
.border{ border-color:rgb(252, 225, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 225, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 225, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 225, 199);  
box-shadow:4px 4px 4px 4px rgb(252, 225,  
199) }
```

Background

The CSS property to change the background color of an element to RYB 252, 250, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 225, 199) }
```

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

```
.background{ background-color: rgb(252,  
225, 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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