

Converting Colors

`RYB(252, 250, 215)`

Have a look what the booklet for
RYB(252, 250, 215) contains.

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Color

R_YB(252, 250, 215)

Conversions

Conversions Part 1

Format	Color
Hex	FCE9D7
RGB	252, 233, 215
RGB Percent	99%, 91%, 84%
CMY	0.0118, 0.0863, 0.1569
CMYK	0.00, 0.08, 0.15, 0.01
HSL	29°, 86%, 92%
HSV	29°, 15%, 99%
XYZ	81.5456, 83.8717, 76.1809
YIQ	236.6290, 17.1020, -1.5700

Conversions

Conversions Part 2

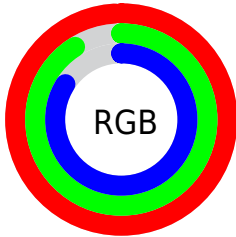
Format	Color
RYB	252, 250, 215
Decimal	16574935
CIELab	93.39, 3.58, 11.06
CIELCh	93, 11.624, 72.077
Yxy	83.8717, 0.3375, 0.3472
Android (android.graphics.Color)	4294765015 (0xFFFC9D7)
YUV	236.6290, -10.6631, 13.4804
Hunter-Lab	91.5815, -1.3284, 14.7874

Details

The RYB color **252, 250, 215** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **215, 228, 252**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is 255, 255, 255, and **195, 193, 160** is the 20% darker color. If you saturate the color by 10%, you get **252, 248, 190**, and if you desaturate by 10%, it is **252, 252, 240**.

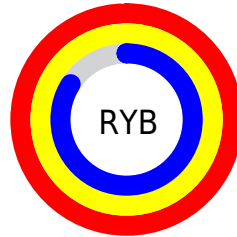
Distribution



Red (99%)

Green (91%)

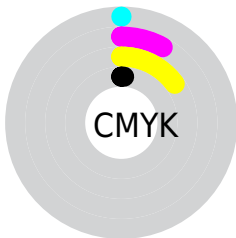
Blue (84%)



Red (99%)

Yellow (98%)

Blue (84%)

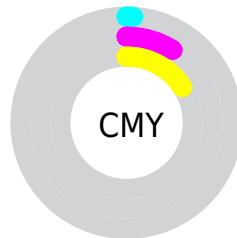


Cyan (0%)

Magenta (8%)

Yellow (15%)

Black (1%)



Cyan (1%)

Magenta (9%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 252, 250, 215 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, 215 by changing the saturation by 10% instead.

 252, 250, 215


255, 255, 255


 252, 250, 215


 223, 223, 187

 195, 193, 160

 168, 168, 134

 141, 141, 109

 113, 115, 84

 91, 91, 61

 67, 67, 39

 42, 44, 19

 23, 15, 0

 252, 250, 215

 252, 250, 215

 252, 248, 190

 252, 252, 240


 252, 246, 165

 252, 254, 255


 252, 246, 139

 252, 244, 114

 252, 242, 89

 252, 240, 64

 252, 238, 39

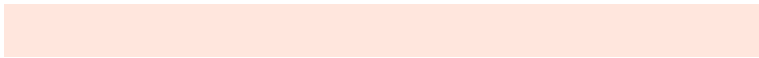
 252, 238, 13

 252, 240, 0

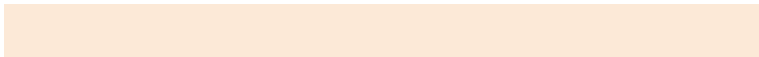
Harmonies

Analogous

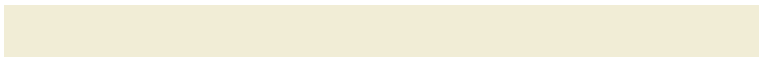
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 233, 221



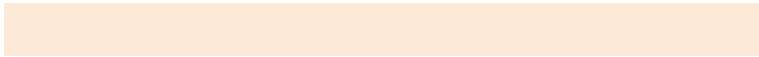
252, 250, 215



219, 241, 214

Triad

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



252, 250, 215



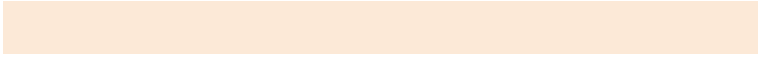
209, 227, 243



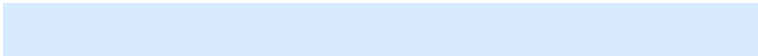
244, 232, 253

Complementary

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



252, 250, 215



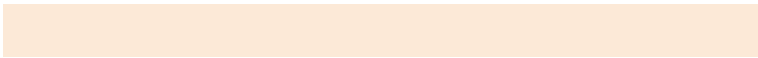
215, 228, 252

Split Complementary

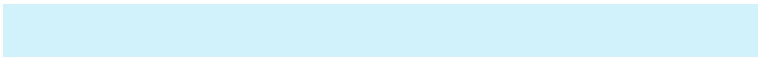
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230, 234, 255



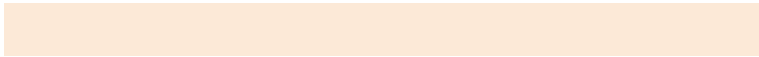
252, 250, 215



209, 227, 251

Square

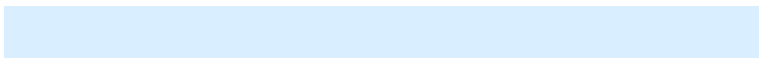
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



252, 250, 215



216, 233, 242



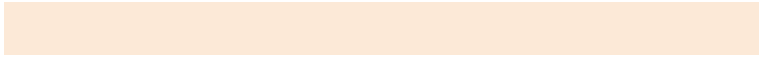
217, 231, 255



255, 229, 243

Rectangle

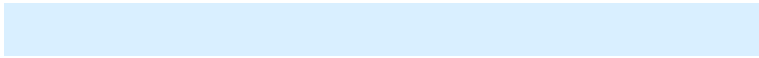
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



252, 250, 215



217, 239, 224



217, 231, 255



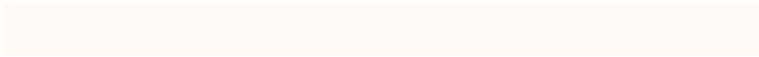
239, 233, 255

Sweetspot

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



252, 250, 215



255, 255, 245



252, 215, 234



128, 126, 121



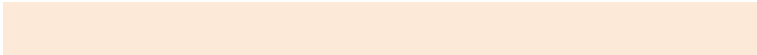
0, 0, 0



128, 128, 128

Same Dimension

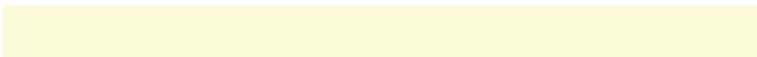
The Same Dimension uses a secret algorithm to generate beautiful new colors.



252, 250, 215



255, 251, 209



216, 252, 215



123, 125, 112



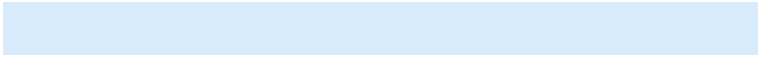
189, 179, 0



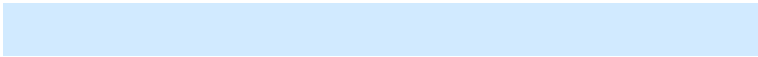
61, 59, 0

Inverse Universe

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



215, 228, 252



209, 225, 255



215, 216, 252



112, 117, 125



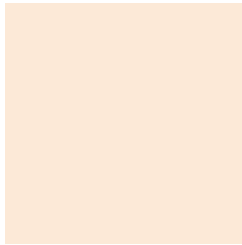
0, 64, 189



0, 21, 61

Previews

White Background



This preview shows how the RYB color 252, 250, 215 looks on a white background.

Color Contrast Check

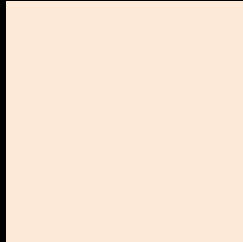
Large Text (above 18pt) WCAG AA × Fail

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, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

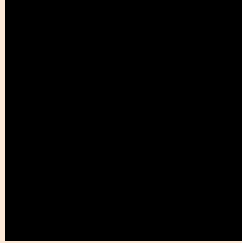
Any Text WCAG AA ✓ Pass

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, 215 Background



This preview shows how black text looks on a background with the RYB color 252, 250, 215.

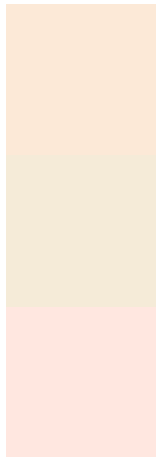


This preview shows how white text looks on a background with the RYB color 252, 250, 215.

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
252, 250, 215

Protanopia
231, 245, 216

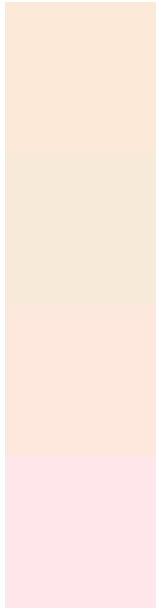
Deuteranopia
255, 233, 224



Tritanopia

255, 229, 246

Trichromacy



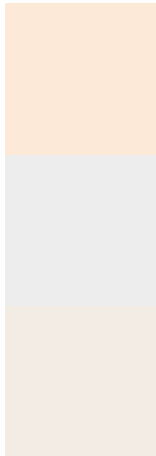
Original Color
252, 250, 215

Protanomaly
241, 248, 216

Deuteranomaly
254, 238, 221

Tritanomaly
254, 230, 235

Monochromacy



Original Color
252, 250, 215

Achromatopsia
237, 237, 237

Achromatomaly
240, 242, 229

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 250, 215 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, 233, 215)` looks like.

```
.text, #text, p{  
    color:rgb(252, 233, 215)  
}
```

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, 233, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 233, 215) }
```

Border

The CSS property to change the border of an element to RYB 252, 250, 215 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, 233, 215) }
```

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

```
.border{ border-color:rgb(252, 233, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 233, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 233, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 233, 215);  
box-shadow:4px 4px 4px 4px rgb(252, 233,  
215) }
```

Background

The CSS property to change the background color of an element to RYB 252, 250, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 233, 215) }
```

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

```
.background{ background-color: rgb(252,  
233, 215) }
```

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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