

Converting Colors

`RYB(250, 241, 205)`

Have a look what the booklet for
RYB(250, 241, 205) contains.

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Color

RYB(250, 241, 205)

Conversions

Conversions Part 1

Format	Color
Hex	FAE1CD
RGB	250, 225, 205
RGB Percent	98%, 88%, 80%
CMY	0.0196, 0.1176, 0.1961
CMYK	0.00, 0.10, 0.18, 0.02
HSL	27°, 82%, 89%
HSV	27°, 18%, 98%
XYZ	77.3690, 78.5822, 68.8477
YIQ	230.1950, 21.3200, -0.9200

Conversions

Conversions Part 2

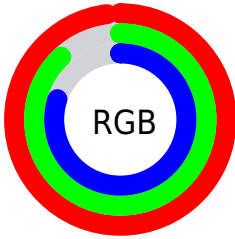
Format	Color
RYP	250, 241, 205
Decimal	16441805
CIELab	91.04, 5.45, 12.90
CIELCh	91, 14.003, 67.088
Yxy	78.5822, 0.3442, 0.3496
Android (android.graphics.Color)	4294631885 (0xFFFAE1CD)
YUV	230.1950, -12.4211, 17.3690
Hunter-Lab	88.6466, 0.6597, 16.0048

Details

The RYB color **250, 241, 205** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **205, 221, 250**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 255**, and **193, 186, 151** is the 20% darker color. If you saturate the color by 10%, you get **250, 236, 180**, and if you desaturate by 10%, it is **250, 246, 230**.

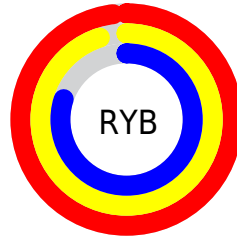
Distribution



Red (98%)

Green (88%)

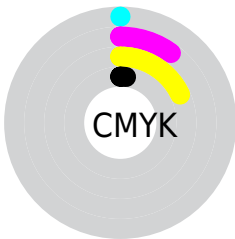
Blue (80%)



Red (98%)

Yellow (95%)

Blue (80%)

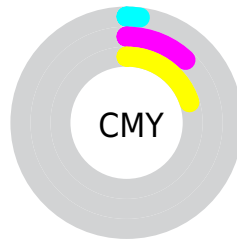


Cyan (0%)

Magenta (10%)

Yellow (18%)

Black (2%)



Cyan (2%)

Magenta (12%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 250, 241, 205 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 250, 241, 205 by changing the saturation by 10% instead.

 250, 241, 205

255, 255, 255


 250, 241, 205

 221, 212, 178

 193, 186, 151

 166, 157, 125

 139, 133, 100

 113, 107, 76

 88, 86, 53

 64, 60, 32

 40, 42, 9


 18, 0, 0

 250, 241, 205

 250, 241, 205

 250, 236, 180

 250, 246, 230

 250, 230, 155


 250, 252, 255

 250, 225, 130

 250, 253, 255

 250, 220, 105

 250, 217, 80

 250, 212, 55

 250, 207, 30

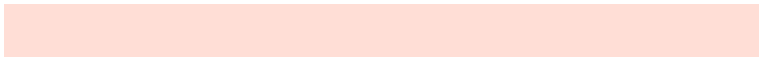
 250, 201, 5

 250, 200, 0

Harmonies

Analogous

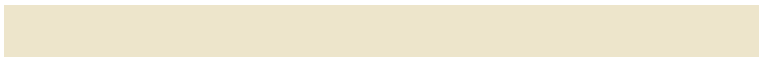
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 224, 214



250, 241, 205



213, 237, 203

Triad

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



250, 241, 205



198, 219, 237



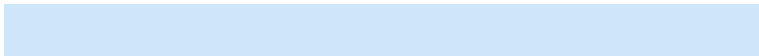
236, 225, 251

Complementary

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



250, 241, 205



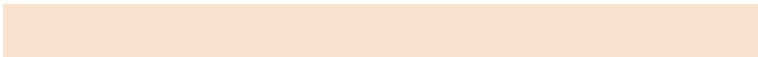
205, 221, 250

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.



219, 227, 255



250, 241, 205



196, 218, 245

Square

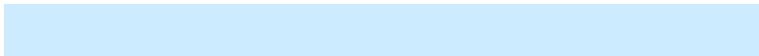
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



250, 241, 205



207, 228, 236



204, 223, 254



250, 221, 240

Rectangle

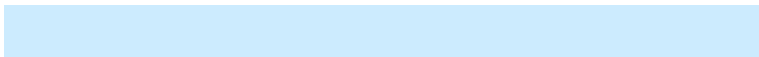
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



250, 241, 205



205, 232, 210



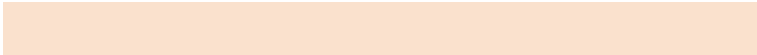
204, 223, 254



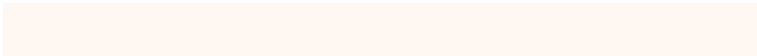
230, 226, 253

Sweetspot

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



250, 241, 205



255, 253, 242



250, 205, 230



128, 125, 120



0, 0, 0



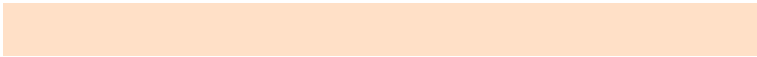
128, 128, 128

Same Dimension

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



250, 241, 205



255, 244, 199



208, 250, 205



125, 123, 112



189, 151, 0



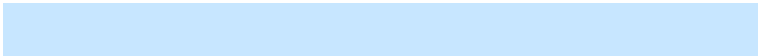
61, 48, 0

Inverse Universe

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



205, 221, 250



199, 219, 255



205, 208, 250



112, 117, 125



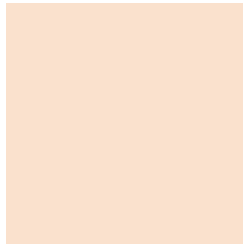
0, 68, 189



0, 22, 61

Previews

White Background



This preview shows how the RYB color 250, 241, 205 looks on a white background.

Color Contrast Check

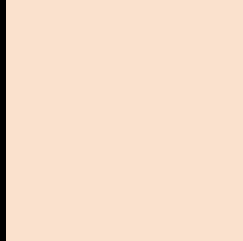
Large Text (above 18pt) WCAG AA × Fail

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 250, 241, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

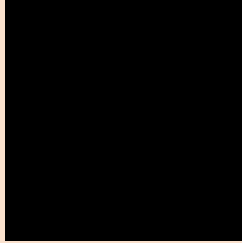
Any Text WCAG AA ✓ Pass

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 250, 241, 205 Background



This preview shows how black text looks on a background with the RYB color 250, 241, 205.

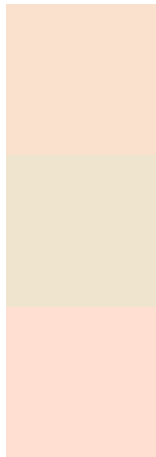


This preview shows how white text looks on a background with the RYB color 250, 241, 205.

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
250, 241, 205

Protanopia
222, 239, 207

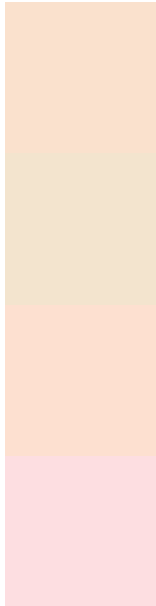
Deuteranopia
255, 228, 210



Tritanopia

254, 220, 237

Trichromacy



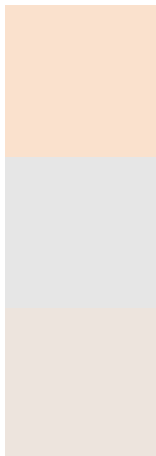
Original Color
250, 241, 205

Protanomaly
231, 243, 206

Deuteranomaly
253, 233, 208

Tritanomaly
253, 222, 225

Monochromacy



Original Color
250, 241, 205

Achromatopsia
230, 230, 230

Achromatomaly
237, 233, 221

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 241, 205 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(250, 225, 205) looks like.

```
.text, #text, p{  
    color:rgb(250, 225, 205)  
}
```

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(250, 225, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 225, 205) }
```

Border

The CSS property to change the border of an element to RYB 250, 241, 205 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(250, 225, 205) }
```

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

```
.border{ border-color:rgb(250, 225, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 225, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 225, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 225, 205);  
box-shadow:4px 4px 4px 4px rgb(250, 225,  
205) }
```

Background

The CSS property to change the background color of an element to RYB 250, 241, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 225, 205) }
```

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

```
.background{ background-color: rgb(250,  
225, 205) }
```

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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