

Converting Colors

`RYB(246, 241, 213)`

Have a look what the booklet for
RYB(246, 241, 213) contains.

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Color

R_YB(246, 241, 213)

Conversions

Conversions Part 1

Format	Color
Hex	F6E4D5
RGB	246, 228, 213
RGB Percent	96%, 89%, 84%
CMY	0.0353, 0.1053, 0.1647
CMYK	0.00, 0.07, 0.13, 0.04
HSL	28°, 65%, 90%
HSV	28°, 13%, 96%
XYZ	77.8003, 79.9649, 74.2851
YIQ	231.6720, 15.5430, -0.8490

Conversions

Conversions Part 2

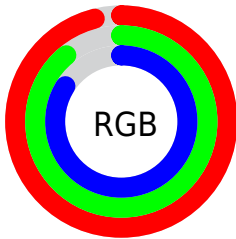
Format	Color
R _Y B	246, 241, 213
Decimal	16180437
CIE Lab	91.67, 3.63, 9.57
CIE LCh	92, 10.234, 69.242
Yxy	79.9649, 0.3353, 0.3446
Android (android.graphics.Color)	4294370517 (0xFFFF6E4D5)
YUV	231.6720, -9.2053, 12.5657
Hunter-Lab	89.4231, -1.1911, 13.3431

Details

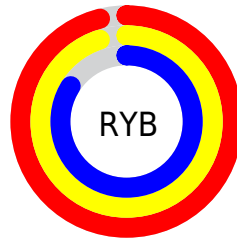
The RYB color **246, 241, 213** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **213, 225, 246**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is 255, 255, 255, and **190, 186, 158** is the 20% darker color. If you saturate the color by 10%, you get **246, 239, 188**, and if you desaturate by 10%, it is **246, 243, 238**.

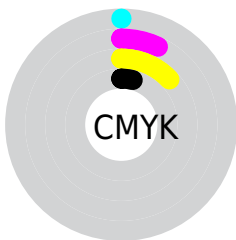
Distribution



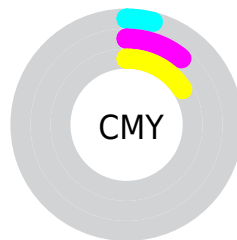
- Red (96%)
- Green (89%)
- Blue (84%)



- Red (96%)
- Yellow (95%)
- Blue (84%)



- Cyan (0%)
- Magenta (7%)
- Yellow (13%)
- Black (4%)



- Cyan (4%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 246, 241, 213 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 246, 241, 213 by changing the saturation by 10% instead.


 246, 241, 213

255, 255, 255

 246, 241, 213

 217, 213, 185

 190, 186, 158

 162, 158, 132

 136, 134, 107

 110, 108, 83

 86, 82, 60

 62, 62, 38

 38, 40, 17

 17, 4, 0

 246, 241, 213

 246, 241, 213

 246, 239, 188


 246, 243, 238


 246, 235, 164


 246, 251, 255


 246, 229, 139

 246, 226, 115

 246, 224, 90

 246, 218, 65

 246, 215, 41

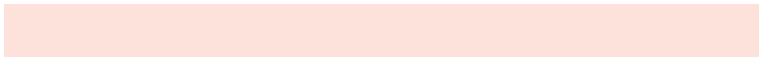
 246, 213, 16

 246, 209, 0

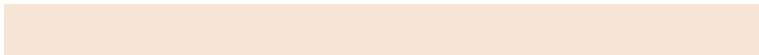
Harmonies

Analogous

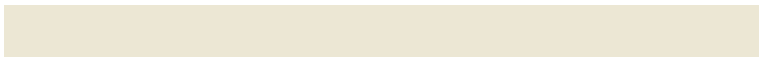
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



252, 228, 219



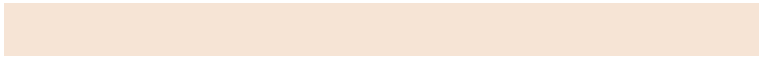
246, 241, 213



218, 236, 212

Triad

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



246, 241, 213



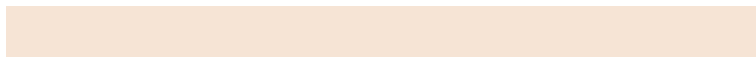
208, 223, 237



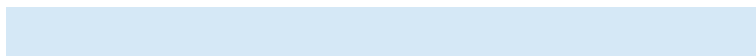
237, 228, 246

Complementary

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



246, 241, 213



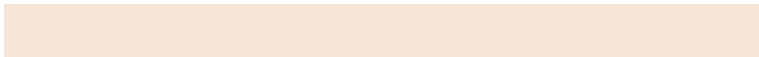
213, 225, 246

Split Complementary

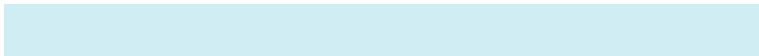
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225, 230, 250



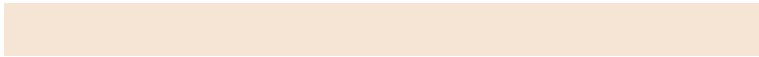
246, 241, 213



208, 224, 243

Square

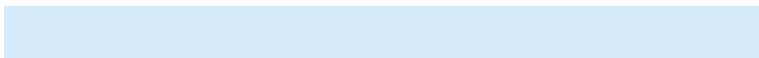
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



246, 241, 213



214, 229, 236



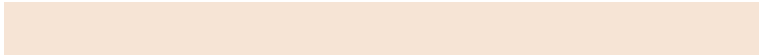
214, 227, 249



247, 225, 238

Rectangle

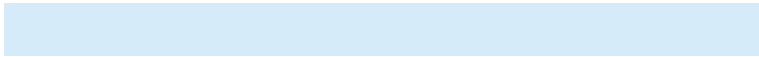
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



246, 241, 213



214, 233, 218



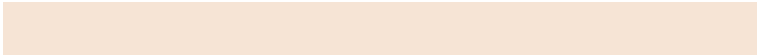
214, 227, 249



233, 229, 248

Sweetspot

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



246, 241, 213



255, 252, 245



246, 213, 231



128, 126, 121



0, 0, 0



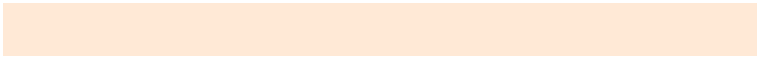
128, 128, 128

Same Dimension

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



246, 241, 213



255, 249, 214



215, 246, 213



122, 122, 110



186, 157, 0



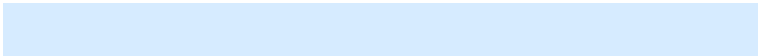
59, 50, 0

Inverse Universe

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



213, 225, 246



214, 228, 255



213, 215, 246



110, 114, 122



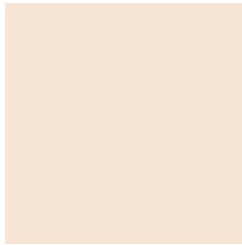
0, 65, 186



0, 21, 59

Previews

White Background



This preview shows how the RYB color 246, 241, 213 looks on a white background.

Color Contrast Check

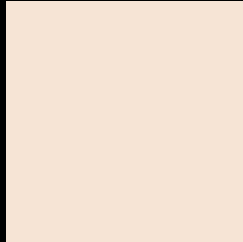
Large Text (above 18pt) WCAG AA × Fail

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 246, 241, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

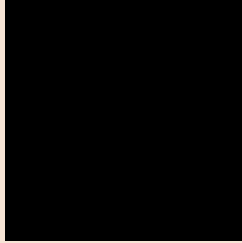
Any Text WCAG AA ✓ Pass

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 246, 241, 213 Background



This preview shows how black text looks on a background with the RYB color 246, 241, 213.

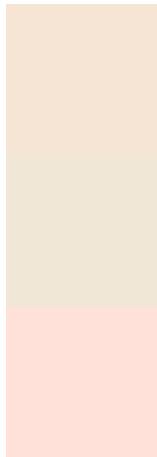


This preview shows how white text looks on a background with the RYB color 246, 241, 213.

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
246, 241, 213

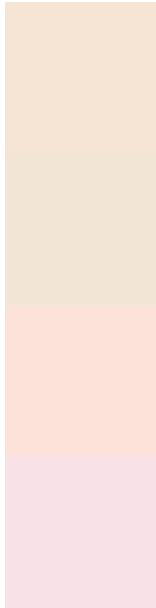
Protanopia
228, 239, 214

Deuteranopia
255, 227, 217



Tritanopia
250, 224, 241

Trichromacy



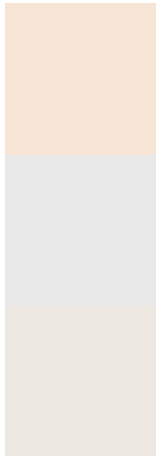
Original Color
246, 241, 213

Protanomaly
238, 242, 214

Deuteranomaly
252, 230, 216

Tritanomaly
249, 226, 231

Monochromacy



Original Color
246, 241, 213

Achromatopsia
232, 232, 232

Achromatomaly
237, 237, 225

CSS Examples

Text

The CSS property to change the color of the text to RYB 246, 241, 213 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(246, 228, 213) looks like.

```
.text, #text, p{  
    color:rgb(246, 228, 213)  
}
```

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(246, 228, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 228, 213) }
```

Border

The CSS property to change the border of an element to RYB 246, 241, 213 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(246, 228, 213) }
```

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

```
.border{ border-color:rgb(246, 228, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 228, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 228, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 228, 213);  
box-shadow:4px 4px 4px 4px rgb(246, 228,  
213) }
```

Background

The CSS property to change the background color of an element to RYB 246, 241, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 228, 213) }
```

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

```
.background{ background-color: rgb(246,  
228, 213) }
```

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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