

Converting Colors

`RYB(237, 241, 213)`

Have a look what the booklet for
RYB(237, 241, 213) contains.

RYB(237, 241, 213)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

$\text{RYB}(237, 241, 213)$

Conversions

Conversions Part 1

Format	Color
Hex	F1E4D5
RGB	241, 228, 213
RGB Percent	95%, 89%, 84%
CMY	0.0549, 0.1056, 0.1647
CMYK	0.00, 0.05, 0.12, 0.05
HSL	32°, 50%, 89%
HSV	32°, 12%, 95%
XYZ	76.0504, 79.0340, 74.1976
YIQ	230.1770, 12.5630, -1.9090

Conversions

Conversions Part 2

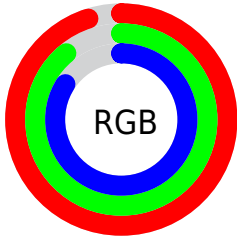
Format	Color
R_{YB}	237, 241, 213
Decimal	15852757
CIE Lab	91.25, 1.90, 8.92
CIE LCh	91, 9.116, 77.958
Yxy	79.0340, 0.3317, 0.3447
Android (android.graphics.Color)	4294042837 (0xFFFF1E4D5)
YUV	230.1770, -8.4683, 9.4918
Hunter-Lab	88.9011, -2.8790, 12.7468

Details

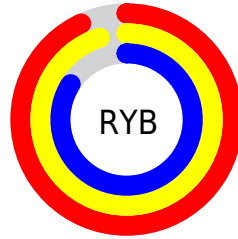
The RYB color **237, 241, 213** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **213, 222, 241**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is 255, 255, 255, and **180, 185, 158** is the 20% darker color. If you saturate the color by 10%, you get **234, 241, 189**, and if you desaturate by 10%, it is **241, 241, 237**.

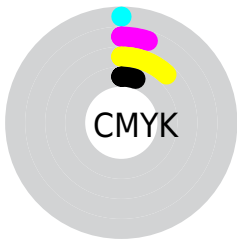
Distribution



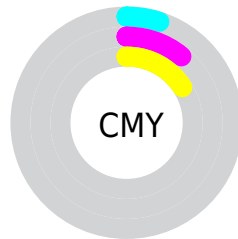
- Red (95%)
- Green (89%)
- Blue (84%)



- Red (93%)
- Yellow (95%)
- Blue (84%)



- Cyan (0%)
- Magenta (5%)
- Yellow (12%)
- Black (5%)



- Cyan (5%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 237, 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 237, 241, 213 by changing the saturation by 10% instead.

■ 237, 241, 213

255, 255, 255

■ 237, 241, 213

■ 209, 213, 185

■ 180, 185, 158

■ 154, 158, 132

■ 130, 132, 107

■ 101, 106, 83

■ 78, 82, 60

■ 54, 59, 38


■ 30, 37, 17

■ 12, 4, 0

 237, 241, 213

 237, 241, 213

 234, 241, 189

 241, 241, 237

 230, 241, 165

 241, 246, 255

 226, 241, 141

 241, 248, 255

 222, 241, 117

 222, 241, 93

 217, 241, 68

 213, 241, 44

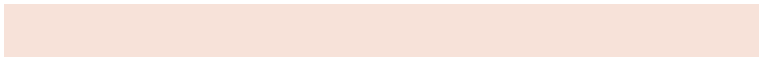
 209, 241, 20

 206, 241, 0

Harmonies

Analogous

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



247, 230, 217



237, 241, 213



214, 232, 213

Triad

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



237, 241, 213



209, 222, 235



238, 226, 242

Complementary

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



237, 241, 213



213, 222, 241

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.



227, 229, 246



237, 241, 213



210, 224, 243

Square

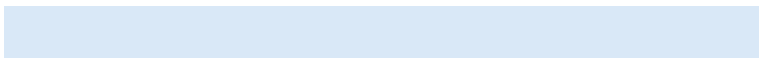
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



237, 241, 213



213, 227, 235



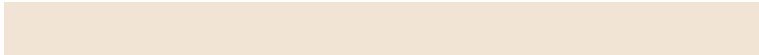
217, 227, 247



246, 224, 234

Rectangle

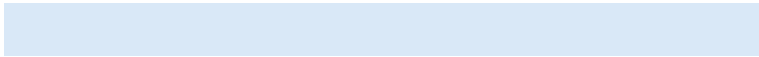
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



237, 241, 213



216, 233, 224



217, 227, 247



235, 227, 244

Sweetspot

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



237, 241, 213



255, 255, 247



241, 213, 226



128, 128, 122



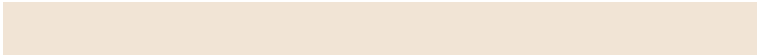
0, 0, 0



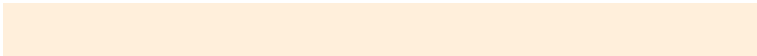
128, 128, 128

Same Dimension

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



237, 241, 213



248, 255, 219



213, 241, 214



120, 120, 108



158, 184, 0



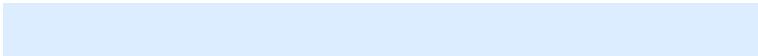
49, 56, 0

Inverse Universe

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



213, 222, 241



219, 231, 255



214, 213, 241



108, 112, 120



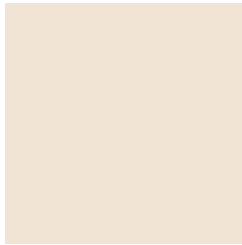
0, 58, 184



0, 18, 56

Previews

White Background



This preview shows how the RYB color 237, 241, 213 looks on a white background.

Color Contrast Check

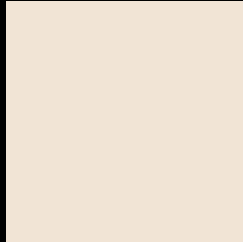
Large Text (above 18pt) WCAG AA × Fail

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 237, 241, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

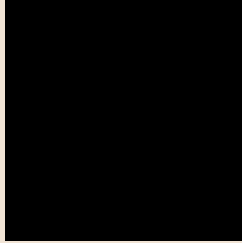
Any Text WCAG AA ✓ Pass

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 237, 241, 213 Background



This preview shows how black text looks on a background with the RYB color 237, 241, 213.

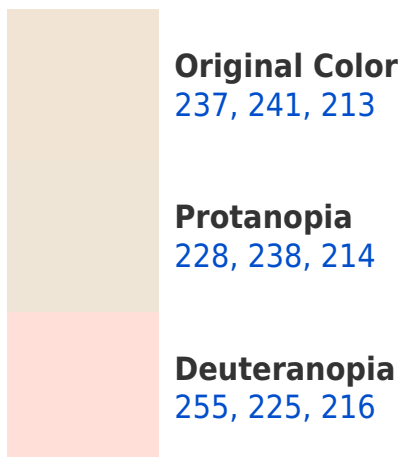


This preview shows how white text looks on a background with the RYB color 237, 241, 213.

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](#).

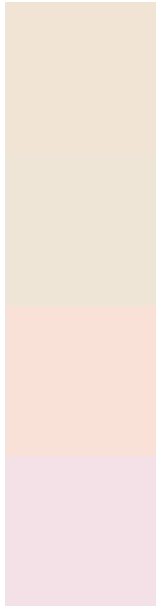
Dichromacy





Tritanopia
245, 224, 241

Trichromacy



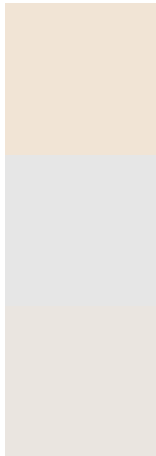
Original Color
237, 241, 213

Protanomaly
231, 239, 214

Deuteranomaly
250, 229, 215

Tritanomaly
244, 225, 231

Monochromacy



Original Color
237, 241, 213

Achromatopsia
230, 230, 230

Achromatomaly
234, 234, 224

CSS Examples

Text

The CSS property to change the color of the text to RYB 237, 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(241, 228, 213) looks like.

```
.text, #text, p{  
    color:rgb(241, 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(241, 228, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 228, 213) }
```

Border

The CSS property to change the border of an element to RYB 237, 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(241, 228, 213) }
```

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

```
.border{ border-color:rgb(241, 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(241, 228, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 228, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 228, 213); box-shadow:4px 4px 4px 4px rgb(241, 228, 213) }
```

Background

The CSS property to change the background color of an element to RGB 237, 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(241, 228, 213) }
```

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

```
.background{ background-color: rgb(241,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor