

Converting Colors

`RYB(241, 230, 212)`

Have a look what the booklet for
RYB(241, 230, 212) contains.

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Color

R_YB(241, 230, 212)

Conversions

Conversions Part 1

Format	Color
Hex	F1DFD4
RGB	241, 223, 212
RGB Percent	95%, 87%, 83%
CMY	0.0549, 0.1251, 0.1686
CMYK	0.00, 0.07, 0.12, 0.05
HSL	23°, 51%, 89%
HSV	23°, 12%, 95%
XYZ	74.5754, 76.2865, 73.0816
YIQ	227.1280, 14.2590, 0.3950

Conversions

Conversions Part 2

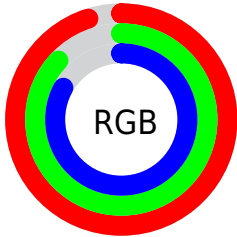
Format	Color
R _{YB}	241, 230, 212
Decimal	15851476
CIE Lab	89.99, 4.30, 7.63
CIE LCh	90, 8.763, 60.602
Yxy	76.2865, 0.3330, 0.3407
Android (android.graphics.Color)	4294041556 (0xFFFF1DFD4)
YUV	227.1280, -7.4581, 12.1657
Hunter-Lab	87.3421, -0.4399, 11.5299

Details

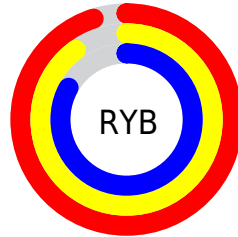
The RYB color **241, 230, 212** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **212, 223, 241**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is 255, 255, 255, and **185, 175, 157** is the 20% darker color. If you saturate the color by 10%, you get **241, 220, 188**, and if you desaturate by 10%, it is **241, 239, 236**.

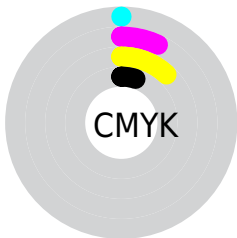
Distribution



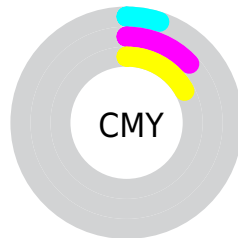
- Red (95%)
- Green (87%)
- Blue (83%)



- Red (95%)
- Yellow (90%)
- Blue (83%)



- Cyan (0%)
- Magenta (7%)
- Yellow (12%)
- Black (5%)



- Cyan (5%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 241, 230, 212 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 241, 230, 212 by changing the saturation by 10% instead.

■ 241, 230, 212

255, 255, 255

■ 241, 230, 212

■ 213, 202, 184

■ 185, 175, 157

■ 158, 150, 131

■ 132, 122, 106

■ 106, 96, 82

■ 82, 74, 59


■ 58, 53, 37


■ 37, 30, 17


■ 11, 0, 0

 241, 230, 212

 241, 230, 212

 241, 220, 188


 241, 239, 236


 241, 211, 164


 241, 247, 255


 241, 201, 140


 241, 248, 255

 241, 194, 116

 241, 184, 92

 241, 176, 67

 241, 166, 43

 241, 157, 19

 241, 149, 0

Harmonies

Analogous

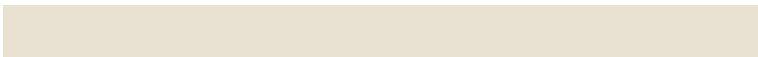
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



245, 221, 218



241, 230, 212



220, 233, 210

Triad

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



241, 230, 212



208, 221, 231



228, 224, 241

Complementary

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



241, 230, 212



212, 223, 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.



218, 225, 243



241, 230, 212



206, 219, 234

Square

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



241, 230, 212



214, 227, 230



210, 222, 241



238, 222, 235

Rectangle

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



241, 230, 212



211, 228, 212



210, 222, 241



225, 225, 242

Sweetspot

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



241, 230, 212



255, 252, 245



241, 212, 230



128, 126, 121



0, 0, 0



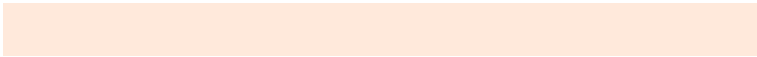
128, 128, 128

Same Dimension

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



241, 230, 212



255, 242, 219



217, 241, 212



120, 114, 108



184, 113, 0



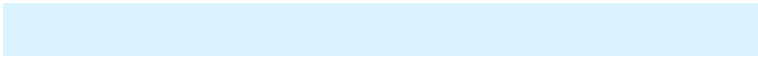
56, 34, 0

Inverse Universe

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



212, 223, 241



219, 233, 255



212, 216, 241



108, 112, 120



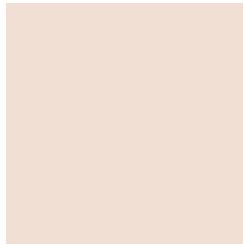
0, 70, 184



0, 22, 56

Previews

White Background



This preview shows how the RYB color 241, 230, 212 looks on a white background.

Color Contrast Check

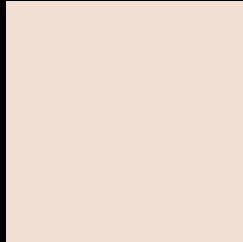
Large Text (above 18pt) WCAG AA × Fail

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 241, 230, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

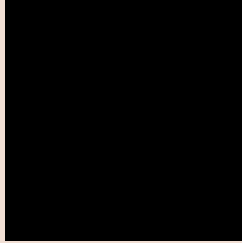
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

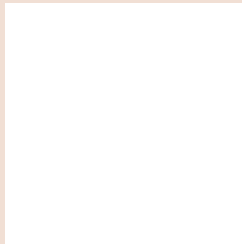
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 241, 230, 212 Background



This preview shows how black text looks on a background with the RYB color 241, 230, 212.

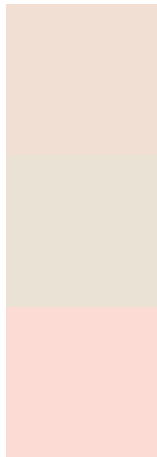


This preview shows how white text looks on a background with the RYB color 241, 230, 212.

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
241, 230, 212

Protanopia
226, 234, 213

Deuteranopia
253, 220, 213



Tritanopia

244, 219, 237

Trichromacy



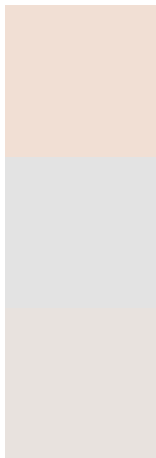
Original Color
241, 230, 212

Protanomaly
237, 237, 213

Deuteranomaly
249, 222, 213

Tritanomaly
243, 220, 228

Monochromacy



Original Color
241, 230, 212

Achromatopsia
227, 227, 227

Achromatomaly
232, 229, 222

CSS Examples

Text

The CSS property to change the color of the text to RYB 241, 230, 212 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, 223, 212) looks like.

```
.text, #text, p{  
    color:rgb(241, 223, 212)  
}
```

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, 223, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 223, 212) }
```

Border

The CSS property to change the border of an element to RYB 241, 230, 212 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, 223, 212) }
```

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

```
.border{ border-color:rgb(241, 223, 212) }
```

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

Here you see how a box with a 4 pixel rgb(241, 223, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 223, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 223, 212);  
box-shadow:4px 4px 4px 4px rgb(241, 223,  
212) }
```

Background

The CSS property to change the background color of an element to RYB 241, 230, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 223, 212) }
```

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

```
.background{ background-color: rgb(241,  
223, 212) }
```

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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