

Converting Colors

`RYB(225, 234, 221)`

Have a look what the booklet for
RYB(225, 234, 221) contains.

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Color

R_YB(225, 234, 221)

Conversions

Conversions Part 1

Format	Color
Hex	EAE7DD
RGB	234, 231, 221
RGB Percent	92%, 91%, 87%
CMY	0.0824, 0.0943, 0.1333
CMYK	0.00, 0.01, 0.06, 0.08
HSL	46°, 24%, 89%
HSV	46°, 6%, 92%
XYZ	75.5423, 79.8318, 79.8342
YIQ	230.7570, 4.9980, -2.4740

Conversions

Conversions Part 2

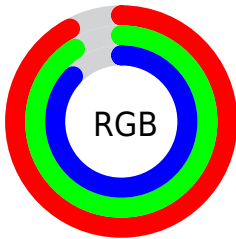
Format	Color
RYB	225, 234, 221
Decimal	15394781
CIELab	91.61, -0.68, 5.19
CIELCh	92, 5.232, 97.517
Yxy	79.8318, 0.3212, 0.3394
Android (android.graphics.Color)	4293584861 (0xFFEAE7DD)
YUV	230.7570, -4.8102, 2.8441
Hunter-Lab	89.3486, -5.4423, 9.5676

Details

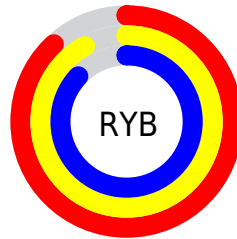
The RYB color **225, 234, 221** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **221, 223, 234**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is 255, 255, 255, and **170, 178, 166** is the 20% darker color. If you saturate the color by 10%, you get **210, 234, 198**, and if you desaturate by 10%, it is **234, 236, 244**.

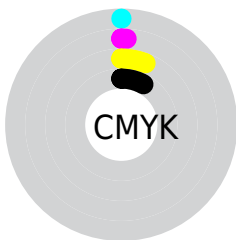
Distribution



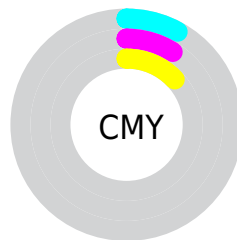
- Red (92%)
- Green (91%)
- Blue (87%)



- Red (88%)
- Yellow (92%)
- Blue (87%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (8%)



- Cyan (8%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 225, 234, 221 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 225, 234, 221 by changing the saturation by 10% instead.

■ 225, 234, 221

255, 255, 255

■ 225, 234, 221

■ 197, 206, 193

■ 170, 178, 166

■ 144, 152, 140

■ 118, 126, 114

■ 94, 101, 90

■ 70, 77, 66

■ 47, 54, 44

■ 27, 33, 24

■ 1, 7, 0

 225, 234, 221

 225, 234, 221

 210, 234, 198

 234, 236, 244

 192, 234, 174

 234, 240, 255

 177, 234, 151

 234, 242, 255

 160, 234, 127

 234, 244, 255

 145, 234, 104

 234, 245, 255

 128, 234, 81

 112, 234, 57

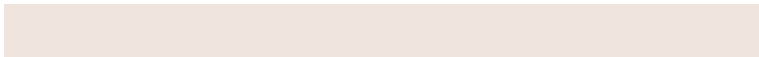
 95, 234, 34

 79, 234, 10

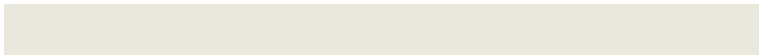
Harmonies

Analogous

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



239, 234, 222



225, 234, 221



223, 233, 228

Triad

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



225, 234, 221



219, 227, 237



239, 228, 235

Complementary

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



225, 234, 221



221, 223, 234

Split Complementary

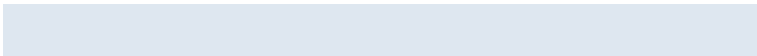
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234, 229, 239



225, 234, 221



222, 228, 240

Square

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



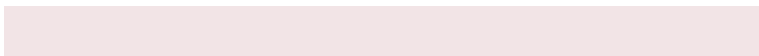
225, 234, 221



219, 227, 234



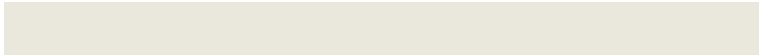
227, 230, 241



242, 228, 230

Rectangle

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



225, 234, 221



224, 232, 233



227, 230, 241



237, 228, 236

Sweetspot

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



225, 234, 221



251, 255, 250



234, 221, 224



127, 128, 125



0, 0, 0



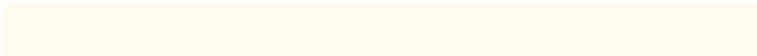
128, 128, 128

Same Dimension

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



225, 234, 221



242, 255, 237



221, 234, 224



111, 117, 108



56, 181, 0



17, 54, 0

Inverse Universe

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



221, 223, 234



237, 240, 255



224, 221, 234



108, 110, 117



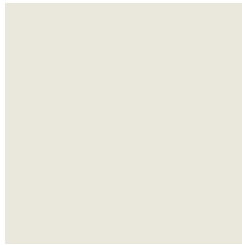
0, 35, 181



0, 10, 54

Previews

White Background



This preview shows how the RYB color 225, 234, 221 looks on a white background.

Color Contrast Check

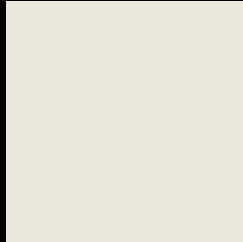
Large Text (above 18pt) WCAG AA × Fail

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 225, 234, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

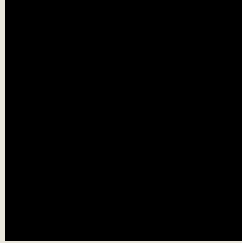
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

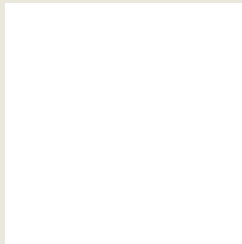
Any Text WCAG AAA ✓ Pass

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

RYB 225, 234, 221 Background



This preview shows how black text looks on a background with the RYB color 225, 234, 221.

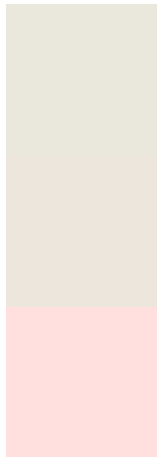


This preview shows how white text looks on a background with the RYB color 225, 234, 221.

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
225, 234, 221

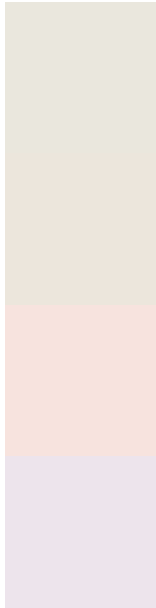
Protanopia
232, 237, 220

Deuteranopia
255, 224, 223



Tritanopia
238, 227, 245

Trichromacy



Original Color

225, 234, 221

Protanomaly

230, 236, 220

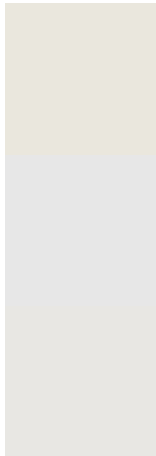
Deuteranomaly

247, 228, 222

Tritanomaly

237, 228, 236

Monochromacy



Original Color

225, 234, 221

Achromatopsia

231, 231, 231

Achromatomaly

228, 232, 227

CSS Examples

Text

The CSS property to change the color of the text to RGB 225, 234, 221 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(234, 231, 221) looks like.

```
.text, #text, p{  
    color:rgb(234, 231, 221)  
}
```

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(234, 231, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 231, 221) }
```

Border

The CSS property to change the border of an element to RYB 225, 234, 221 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(234, 231, 221) }
```

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

```
.border{ border-color:rgb(234, 231, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 231, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 231, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 231, 221);  
box-shadow:4px 4px 4px 4px rgb(234, 231,  
221) }
```

Background

The CSS property to change the background color of an element to RGB 225, 234, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 231, 221) }
```

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

```
.background{ background-color: rgb(234,  
231, 221) }
```

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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