

Converting Colors

`RYB(243, 225, 229)`

Have a look what the booklet for RYB(243, 225, 229) contains.

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Color

R_YB(243, 225, 229)

Conversions

Conversions Part 1

Format	Color
Hex	F3E1E5
RGB	243, 225, 229
RGB Percent	95%, 88%, 90%
CMY	0.0471, 0.1176, 0.1020
CMYK	0.00, 0.07, 0.06, 0.05
HSL	347°, 43%, 92%
HSV	347°, 7%, 95%
XYZ	78.0302, 78.5623, 85.1801
YIQ	230.8380, 9.4440, 5.0600

Conversions

Conversions Part 2

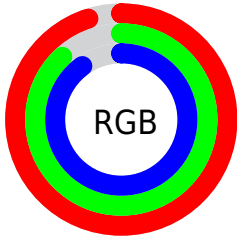
Format	Color
R _Y B	243, 225, 229
Decimal	15983077
CIE Lab	91.04, 6.82, 0.26
CIE LCh	91, 6.822, 2.183
Yxy	78.5623, 0.3227, 0.3249
Android (android.graphics.Color)	4294173157 (0xFF3E1E5)
YUV	230.8380, -0.9061, 10.6661
Hunter-Lab	88.6354, 2.0308, 5.0660

Details

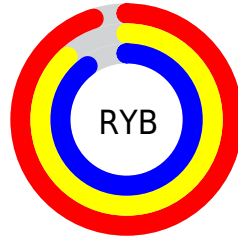
The RYB color **243, 225, 229** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **225, 235, 243**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is 255, 255, 255, and **187, 170, 174** is the 20% darker color. If you saturate the color by 10%, you get **243, 201, 210**, and if you desaturate by 10%, it is **243, 246, 249**.

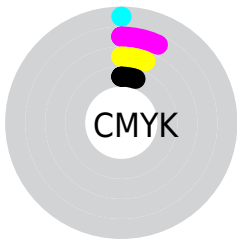
Distribution



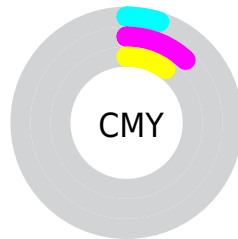
- Red (95%)
- Green (88%)
- Blue (90%)



- Red (95%)
- Yellow (88%)
- Blue (90%)



- Cyan (0%)
- Magenta (7%)
- Yellow (6%)
- Black (5%)



- Cyan (5%)
- Magenta (12%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 243, 225, 229 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 243, 225, 229 by changing the saturation by 10% instead.


 243, 225, 229

255, 255, 255

 243, 225, 229

 215, 197, 201


 187, 170, 174

 160, 143, 147

 134, 118, 121

 108, 93, 97

 84, 69, 73

 61, 47, 50

 39, 26, 29


 19, 0, 3

 243, 225, 229

 243, 225, 229


 243, 201, 210


 243, 246, 249


 243, 176, 191

 243, 249, 255

 243, 152, 172

 243, 128, 153

 243, 103, 135

 243, 79, 116

 243, 55, 97

 243, 31, 78

 243, 6, 59

Harmonies

Analogous

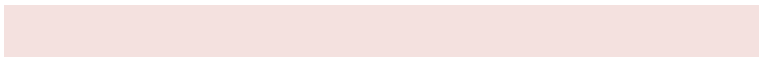
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239, 226, 235



243, 225, 229



244, 225, 223

Triad

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



243, 225, 229



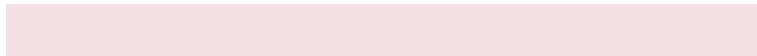
218, 231, 222



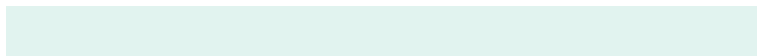
217, 226, 241

Complementary

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



243, 225, 229



225, 235, 243

Split Complementary

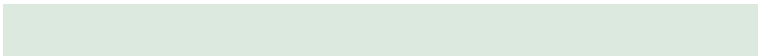
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



214, 224, 236



243, 225, 229



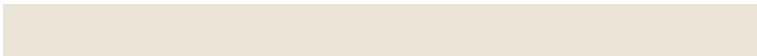
220, 231, 233

Square

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



243, 225, 229



225, 235, 216



215, 225, 233



223, 228, 242

Rectangle

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



243, 225, 229



242, 229, 219



215, 225, 233



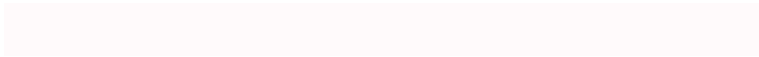
215, 225, 239

Sweetspot

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



243, 225, 229



255, 250, 251



239, 225, 243



128, 125, 126



0, 0, 0



128, 128, 128

Same Dimension

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



243, 225, 229



255, 232, 237



243, 232, 225



122, 110, 113



186, 0, 41



59, 0, 13

Inverse Universe

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



243, 225, 229



255, 232, 237



225, 233, 243



122, 110, 113



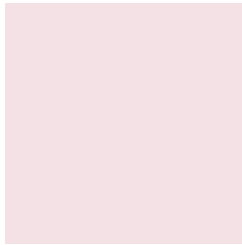
186, 0, 41



59, 0, 13

Previews

White Background



This preview shows how the RYB color 243, 225, 229 looks on a white background.

Color Contrast Check

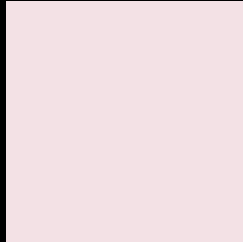
Large Text (above 18pt) WCAG AA × Fail

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 243, 225, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

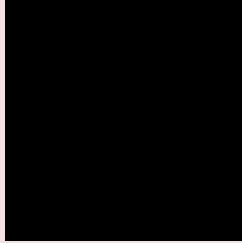
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

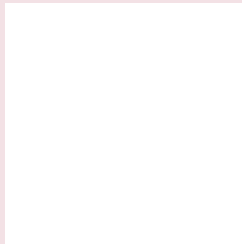
Any Text WCAG AAA ✓ Pass

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

RYB 243, 225, 229 Background



This preview shows how black text looks on a background with the RYB color 243, 225, 229.

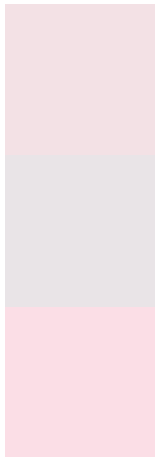


This preview shows how white text looks on a background with the RYB color 243, 225, 229.

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
243, 225, 229

Protanopia
233, 228, 231

Deuteranopia
251, 222, 230



Tritanopia

245, 223, 241

Trichromacy



Original Color

243, 225, 229

Protanomaly

237, 227, 230

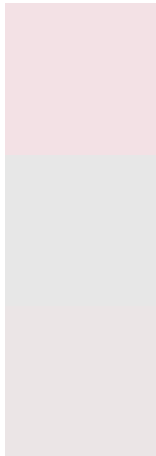
Deuteranomaly

248, 223, 230

Tritanomaly

244, 224, 237

Monochromacy



Original Color

243, 225, 229

Achromatopsia

231, 231, 231

Achromatomaly

235, 229, 230

CSS Examples

Text

The CSS property to change the color of the text to RYB 243, 225, 229 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(243, 225, 229) looks like.

```
.text, #text, p{  
    color:rgb(243, 225, 229)  
}
```

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(243, 225, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 225, 229) }
```

Border

The CSS property to change the border of an element to RYB 243, 225, 229 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(243, 225, 229) }
```

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

```
.border{ border-color:rgb(243, 225, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 225, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 225, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 225, 229);  
box-shadow:4px 4px 4px 4px rgb(243, 225,  
229) }
```

Background

The CSS property to change the background color of an element to RGB 243, 225, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 225, 229) }
```

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

```
.background{ background-color: rgb(243,  
225, 229) }
```

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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