

Converting Colors

`RYB(242, 225, 237)`

Have a look what the booklet for
RYB(242, 225, 237) contains.

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Color

R_YB(242, 225, 237)

Conversions

Conversions Part 1

Format	Color
Hex	F2E1ED
RGB	242, 225, 237
RGB Percent	95%, 88%, 93%
CMY	0.0510, 0.1176, 0.0706
CMYK	0.00, 0.07, 0.02, 0.05
HSL	318°, 40%, 92%
HSV	318°, 7%, 95%
XYZ	78.8292, 78.8421, 91.1841
YIQ	231.4510, 6.2800, 7.3360

Conversions

Conversions Part 2

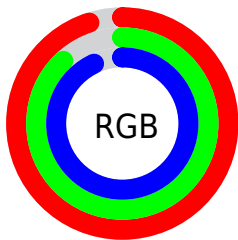
Format	Color
R_{YB}	242, 225, 237
Decimal	15917549
CIE Lab	91.16, 7.86, -3.75
CIE LCh	91, 8.712, 334.482
Yxy	78.8421, 0.3168, 0.3168
Android (android.graphics.Color)	4294107629 (0xFFFF2E1ED)
YUV	231.4510, 2.7357, 9.2515
Hunter-Lab	88.7931, 3.0819, 1.2686

Details

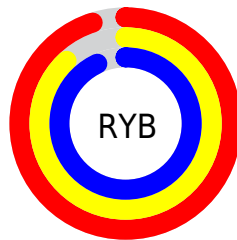
The RYB color **242, 225, 237** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **225, 238, 242**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is 255, 255, 255, and **186, 170, 181** is the 20% darker color. If you saturate the color by 10%, you get **242, 201, 230**, and if you desaturate by 10%, it is **242, 247, 249**.

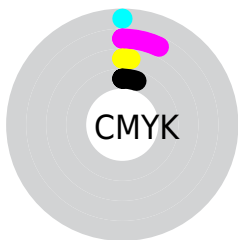
Distribution



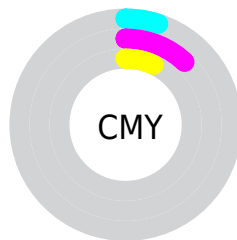
- Red (95%)
- Green (88%)
- Blue (93%)



- Red (95%)
- Yellow (88%)
- Blue (93%)



- Cyan (0%)
- Magenta (7%)
- Yellow (2%)
- Black (5%)



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

Brightness & Saturation Gradients


These gradients show how the RYB color 242, 225, 237 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 242, 225, 237 by changing the saturation by 10% instead.

 242, 225, 237

255, 255, 255

 242, 225, 237

 214, 197, 209


 186, 170, 181


 159, 143, 154

 133, 118, 128

 107, 93, 103

 83, 69, 79

 60, 47, 56

 38, 26, 35


 18, 0, 13

 242, 225, 237


 242, 225, 237

 242, 201, 230


 242, 247, 249

 242, 177, 223

 242, 250, 255


 242, 152, 216

 242, 249, 255

 242, 128, 209

 242, 104, 201

 242, 80, 194

 242, 56, 187

 242, 31, 180

 242, 7, 173

Harmonies

Analogous

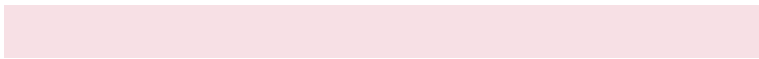
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233, 227, 243



242, 225, 237



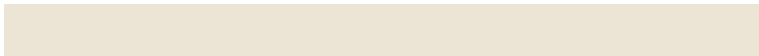
247, 224, 229

Triad

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



242, 225, 237



223, 236, 213



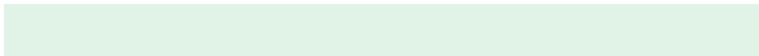
210, 223, 239

Complementary

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



242, 225, 237



225, 238, 242

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.



211, 224, 235



242, 225, 237



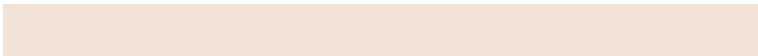
216, 232, 222

Square

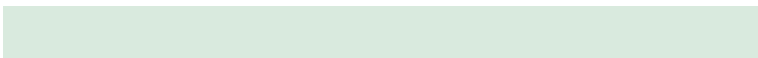
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242, 225, 237



243, 236, 215



217, 230, 234



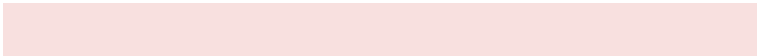
214, 225, 244

Rectangle

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



242, 225, 237



248, 224, 223



217, 230, 234



209, 222, 236

Sweetspot

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



242, 225, 237



255, 250, 254



230, 225, 242



128, 125, 127



0, 0, 0



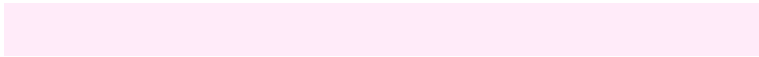
128, 128, 128

Same Dimension

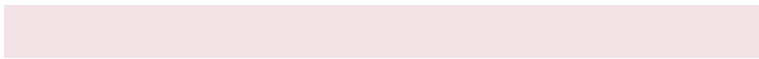
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242, 225, 237



255, 235, 249



242, 225, 229



120, 108, 116



184, 0, 130



56, 0, 40

Inverse Universe

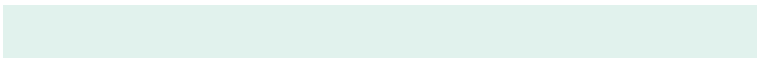
The Inverse Universe completely reimagines the original color for something new.



242, 225, 237



255, 235, 249



225, 235, 242



120, 108, 116



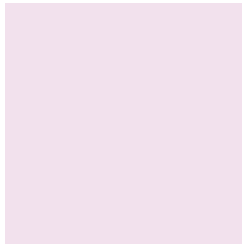
184, 0, 130



56, 0, 40

Previews

White Background



This preview shows how the RYB color 242, 225, 237 looks on a white background.

Color Contrast Check

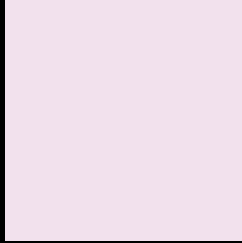
Large Text (above 18pt) WCAG AA × Fail

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 242, 225, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

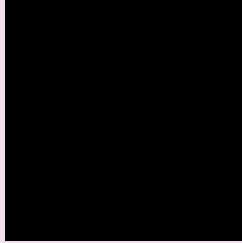
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

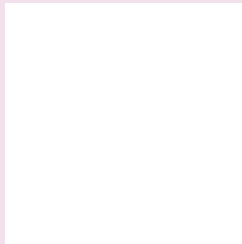
Any Text WCAG AAA ✓ Pass

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

RYB 242, 225, 237 Background



This preview shows how black text looks on a background with the RYB color 242, 225, 237.

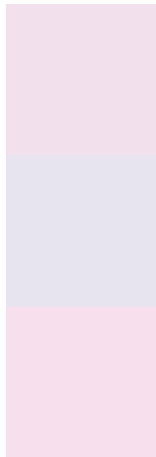


This preview shows how white text looks on a background with the RYB color 242, 225, 237.

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
[242](#), [225](#), [237](#)

Protanopia
[231](#), [228](#), [239](#)

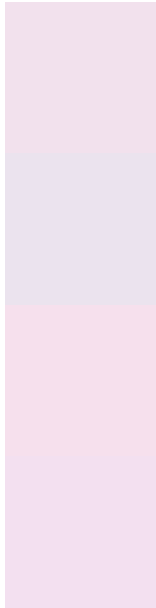
Deuteranopia
[248](#), [223](#), [237](#)



Tritanopia

243, 224, 242

Trichromacy



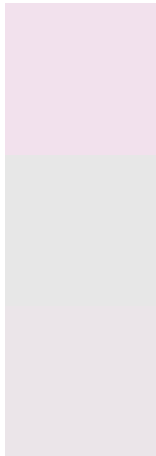
Original Color
242, 225, 237

Protanomaly
235, 227, 238

Deuteranomaly
246, 224, 237

Tritanomaly
243, 224, 240

Monochromacy



Original Color
242, 225, 237

Achromatopsia
231, 231, 231

Achromatomaly
235, 229, 233

CSS Examples

Text

The CSS property to change the color of the text to RYB 242, 225, 237 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(242, 225, 237) looks like.

```
.text, #text, p{  
    color:rgb(242, 225, 237)  
}
```

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(242, 225, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 225, 237) }
```

Border

The CSS property to change the border of an element to RYB 242, 225, 237 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(242, 225, 237) }
```

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

```
.border{ border-color:rgb(242, 225, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 225, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 225, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 225, 237);  
box-shadow:4px 4px 4px 4px rgb(242, 225,  
237) }
```

Background

The CSS property to change the background color of an element to RYB 242, 225, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 225, 237) }
```

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

```
.background{ background-color: rgb(242,  
225, 237) }
```

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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