

Converting Colors

`RYB(242, 226, 235)`

Have a look what the booklet for
RYB(242, 226, 235) contains.

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Color

R_YB(242, 226, 235)

Conversions

Conversions Part 1

Format	Color
Hex	F2E2EB
RGB	242, 226, 235
RGB Percent	95%, 89%, 92%
CMY	0.0510, 0.1137, 0.0784
CMYK	0.00, 0.07, 0.03, 0.05
HSL	326°, 38%, 92%
HSV	326°, 7%, 95%
XYZ	78.8097, 79.2681, 89.7438
YIQ	231.8100, 6.6470, 6.1910

Conversions

Conversions Part 2

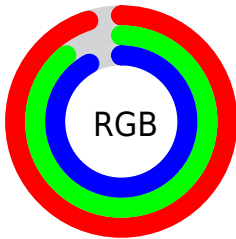
Format	Color
R _Y B	242, 226, 235
Decimal	15917803
CIE Lab	91.36, 6.99, -2.42
CIE LCh	91, 7.401, 340.889
Yxy	79.2681, 0.3180, 0.3199
Android (android.graphics.Color)	4294107883 (0xFF2E2EB)
YUV	231.8100, 1.5727, 8.9366
Hunter-Lab	89.0326, 2.1971, 2.5593

Details

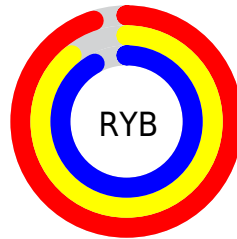
The RYB color **242, 226, 235** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **226, 237, 242**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is 255, 255, 255, and **186, 171, 179** is the 20% darker color. If you saturate the color by 10%, you get **242, 202, 224**, and if you desaturate by 10%, it is **242, 247, 250**.

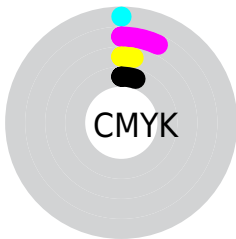
Distribution



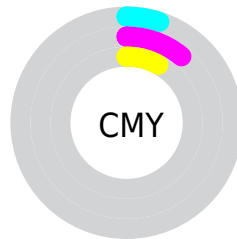
- Red (95%)
- Green (89%)
- Blue (92%)



- Red (95%)
- Yellow (89%)
- Blue (92%)



- Cyan (0%)
- Magenta (7%)
- Yellow (3%)
- Black (5%)



- Cyan (5%)
- Magenta (11%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 242, 226, 235 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, 226, 235 by changing the saturation by 10% instead.

■ 242, 226, 235

255, 255, 255

■ 242, 226, 235

■ 214, 198, 207

■ 186, 171, 179

■ 159, 144, 153

■ 133, 119, 127

■ 107, 94, 102

■ 83, 70, 78

■ 60, 48, 55

■ 38, 27, 34


■ 18, 0, 11

 242, 226, 235


 242, 226, 235


 242, 202, 224


 242, 247, 250

 242, 178, 214

 242, 249, 255

 242, 153, 203

 242, 129, 193

 242, 105, 182

 242, 81, 171

 242, 57, 161

 242, 32, 150

 242, 8, 140

Harmonies

Analogous

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



235, 228, 241



242, 226, 235



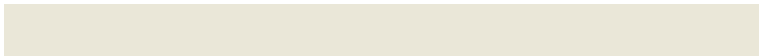
246, 226, 228

Triad

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



242, 226, 235



220, 234, 216



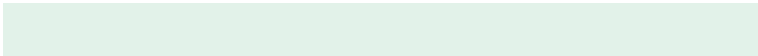
214, 225, 239

Complementary

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



242, 226, 235



226, 237, 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.



214, 225, 235



242, 226, 235



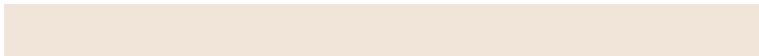
219, 233, 227

Square

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



242, 226, 235



241, 237, 217



218, 229, 234



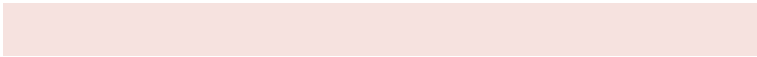
218, 227, 243

Rectangle

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



242, 226, 235



246, 226, 223



218, 229, 234



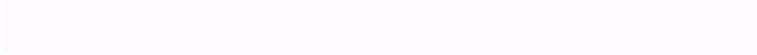
213, 224, 237

Sweetspot

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



242, 226, 235



255, 250, 253



233, 226, 242



128, 125, 126



0, 0, 0



128, 128, 128

Same Dimension

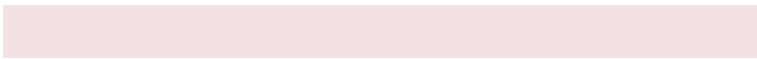
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242, 226, 235



255, 235, 246



242, 226, 227



120, 108, 115



184, 0, 103



56, 0, 32

Inverse Universe

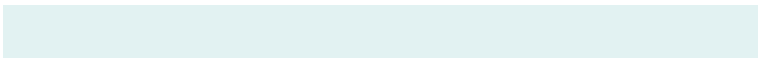
The Inverse Universe completely reimagines the original color for something new.



242, 226, 235



255, 235, 246



226, 234, 242



120, 108, 115



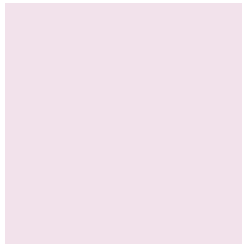
184, 0, 103



56, 0, 32

Previews

White Background



This preview shows how the RYB color 242, 226, 235 looks on a white background.

Color Contrast Check

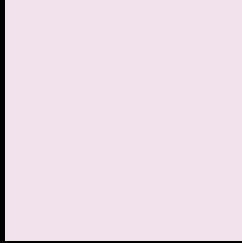
Large Text (above 18pt) WCAG AA × Fail

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, 226, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

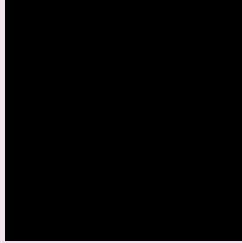
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

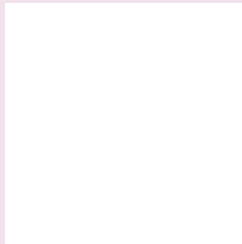
Any Text WCAG AAA ✓ Pass

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

RYB 242, 226, 235 Background



This preview shows how black text looks on a background with the RYB color 242, 226, 235.

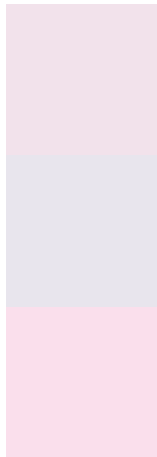


This preview shows how white text looks on a background with the RYB color 242, 226, 235.

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, 226, 235

Protanopia
232, 229, 237

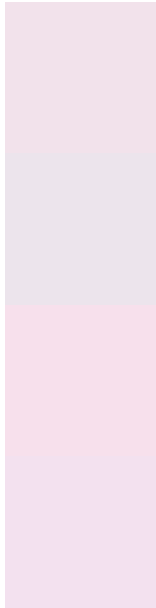
Deuteranopia
250, 223, 236



Tritanopia

243, 225, 242

Trichromacy



Original Color

242, 226, 235

Protanomaly

236, 228, 236

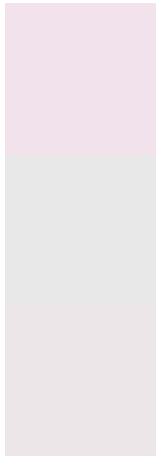
Deuteranomaly

247, 224, 236

Tritanomaly

243, 225, 239

Monochromacy



Original Color

242, 226, 235

Achromatopsia

232, 232, 232

Achromatomaly

236, 230, 233

CSS Examples

Text

The CSS property to change the color of the text to RYB 242, 226, 235 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, 226, 235) looks like.

```
.text, #text, p{  
    color:rgb(242, 226, 235)  
}
```

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, 226, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 226, 235) }
```

Border

The CSS property to change the border of an element to RYB 242, 226, 235 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, 226, 235) }
```

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

```
.border{ border-color:rgb(242, 226, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 226, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 226, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 226, 235);  
box-shadow:4px 4px 4px 4px rgb(242, 226,  
235) }
```

Background

The CSS property to change the background color of an element to RYB 242, 226, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 226, 235) }
```

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

```
.background{ background-color: rgb(242,  
226, 235) }
```

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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