

Converting Colors

`RYB(242, 231, 226)`

Have a look what the booklet for
RYB(242, 231, 226) contains.

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Color

R_YB(242, 231, 226)

Conversions

Conversions Part 1

Format	Color
Hex	F2E6E2
RGB	242, 230, 226
RGB Percent	95%, 90%, 89%
CMY	0.0510, 0.0988, 0.1137
CMYK	0.00, 0.05, 0.07, 0.05
HSL	14°, 38%, 92%
HSV	14°, 7%, 95%
XYZ	78.5893, 80.8559, 83.4162
YIQ	233.1320, 8.4360, 1.3000

Conversions

Conversions Part 2

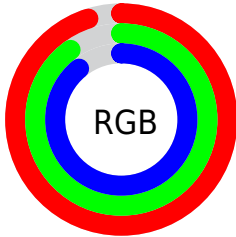
Format	Color
R _Y B	242, 231, 226
Decimal	15918818
CIE Lab	92.07, 3.49, 3.32
CIE LCh	92, 4.813, 43.602
Yxy	80.8559, 0.3236, 0.3329
Android (android.graphics.Color)	4294108898 (0xFFFF2E6E2)
YUV	233.1320, -3.5161, 7.7772
Hunter-Lab	89.9199, -1.3523, 7.9423

Details

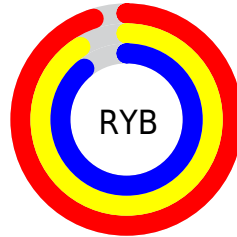
The RYB color **242, 231, 226** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **226, 233, 242**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is 255, 255, 255, and **186, 176, 171** is the 20% darker color. If you saturate the color by 10%, you get **242, 214, 202**, and if you desaturate by 10%, it is **242, 245, 250**.

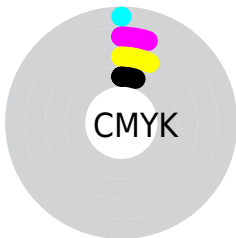
Distribution



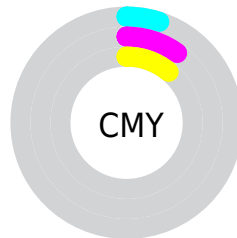
- Red (95%)
- Green (90%)
- Blue (89%)



- Red (95%)
- Yellow (91%)
- Blue (89%)



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



- Cyan (5%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 242, 231, 226 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, 231, 226 by changing the saturation by 10% instead.

■ 242, 231, 226

255, 255, 255

■ 242, 231, 226

■ 214, 203, 198

■ 186, 175, 171

■ 159, 149, 144

■ 133, 123, 119

■ 107, 98, 94

■ 83, 74, 70

■ 60, 52, 48

■ 38, 31, 27


■ 18, 7, 0

 242, 231, 226

 242, 231, 226


 242, 214, 202


 242, 245, 250

 242, 198, 178

 242, 249, 255

 242, 180, 153

 242, 164, 129

 242, 148, 105

 242, 131, 81

 242, 115, 57

 242, 98, 32

 242, 82, 8

Harmonies

Analogous

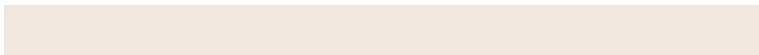
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243, 229, 230



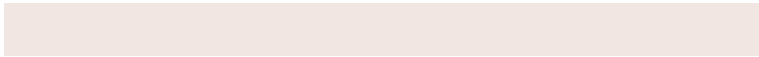
242, 231, 226



239, 239, 223

Triad

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



242, 231, 226



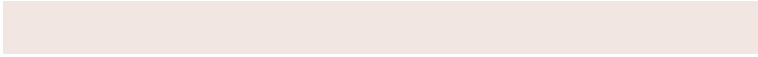
224, 232, 235



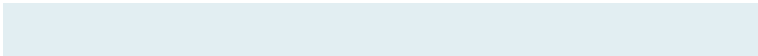
230, 232, 241

Complementary

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



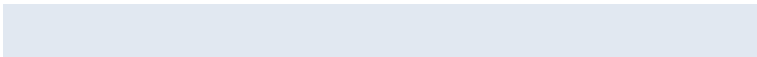
242, 231, 226



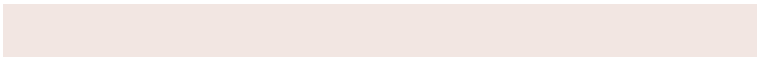
226, 233, 242

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.



225, 230, 241



242, 231, 226



221, 228, 235

Square

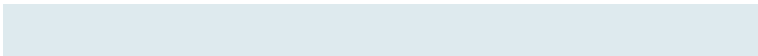
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242, 231, 226



225, 234, 230



222, 229, 238



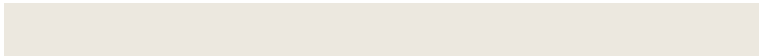
236, 230, 239

Rectangle

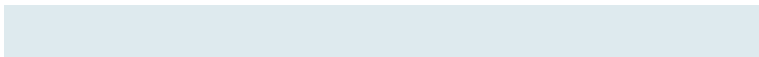
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



242, 231, 226



229, 236, 223



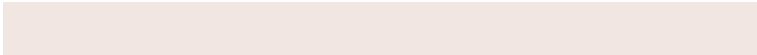
222, 229, 238



228, 231, 241

Sweetspot

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



242, 231, 226



255, 251, 250



242, 226, 238



128, 127, 125



0, 0, 0



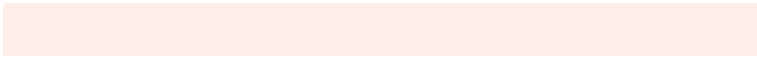
128, 128, 128

Same Dimension

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



242, 231, 226



255, 240, 235



231, 242, 226



120, 112, 108



184, 58, 0



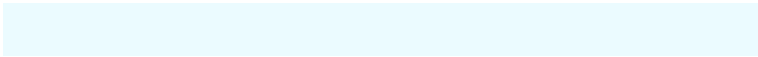
56, 17, 0

Inverse Universe

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



226, 233, 242



235, 244, 255



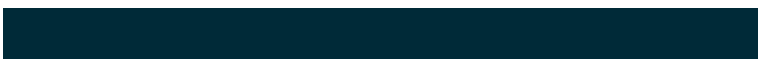
226, 229, 242



108, 113, 120



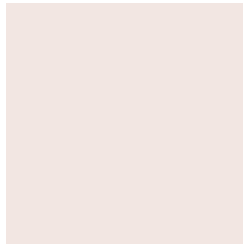
0, 80, 184



0, 24, 56

Previews

White Background



This preview shows how the RYB color 242, 231, 226 looks on a white background.

Color Contrast Check

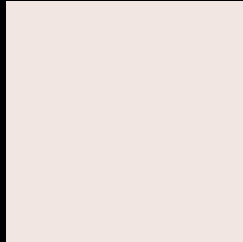
Large Text (above 18pt) WCAG AA × Fail

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, 231, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

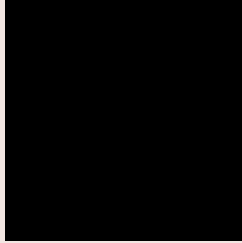
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

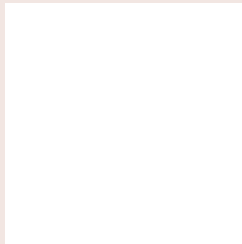
Any Text WCAG AAA ✓ Pass

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

RYB 242, 231, 226 Background



This preview shows how black text looks on a background with the RYB color 242, 231, 226.

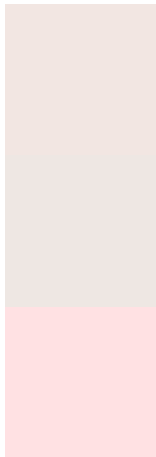


This preview shows how white text looks on a background with the RYB color 242, 231, 226.

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, 231, 226

Protanopia

238, 233, 227

Deuteranopia

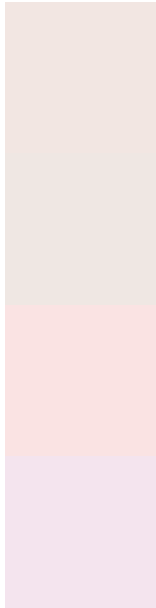
255, 225, 227



Tritanopia

245, 227, 245

Trichromacy



Original Color

242, 231, 226

Protanomaly

239, 233, 227

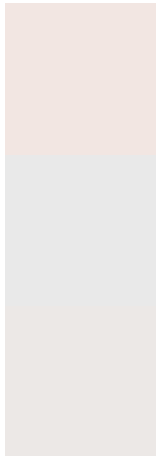
Deuteranomaly

250, 227, 227

Tritanomaly

244, 228, 238

Monochromacy



Original Color

242, 231, 226

Achromatopsia

233, 233, 233

Achromatomaly

236, 233, 230

CSS Examples

Text

The CSS property to change the color of the text to RYB 242, 231, 226 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, 230, 226) looks like.

```
.text, #text, p{  
    color:rgb(242, 230, 226)  
}
```

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, 230, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 230, 226) }
```

Border

The CSS property to change the border of an element to RYB 242, 231, 226 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, 230, 226) }
```

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

```
.border{ border-color:rgb(242, 230, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 230, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 230, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 230, 226);  
box-shadow:4px 4px 4px 4px rgb(242, 230,  
226) }
```

Background

The CSS property to change the background color of an element to RYB 242, 231, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 230, 226) }
```

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

```
.background{ background-color: rgb(242,  
230, 226) }
```

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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