

Converting Colors

`RYB(241, 230, 231)`

Have a look what the booklet for RYB(241, 230, 231) contains.

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Color

R_YB(241, 230, 231)

Conversions

Conversions Part 1

Format	Color
Hex	F1E6E7
RGB	241, 230, 231
RGB Percent	95%, 90%, 91%
CMY	0.0549, 0.0980, 0.0941
CMYK	0.00, 0.05, 0.04, 0.05
HSL	355°, 28%, 92%
HSV	355°, 5%, 95%
XYZ	78.9962, 81.0639, 87.0847
YIQ	233.4030, 6.2350, 2.6430

Conversions

Conversions Part 2

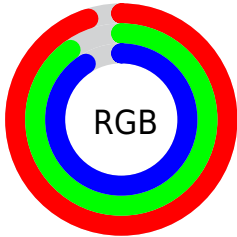
Format	Color
R _Y B	241, 230, 231
Decimal	15853287
CIE Lab	92.16, 3.90, 0.83
CIE LCh	92, 3.984, 12.097
Yxy	81.0639, 0.3196, 0.3280
Android (android.graphics.Color)	4294043367 (0xFFFF1E6E7)
YUV	233.4030, -1.1847, 6.6626
Hunter-Lab	90.0355, -0.9480, 5.6780

Details

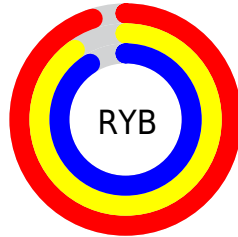
The RYB color **241, 230, 231** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **230, 236, 241**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is 255, 255, 255, and **185, 175, 175** is the 20% darker color. If you saturate the color by 10%, you get **241, 206, 209**, and if you desaturate by 10%, it is **241, 248, 254**.

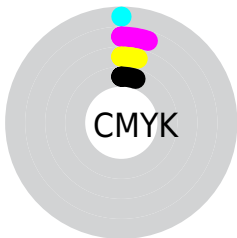
Distribution



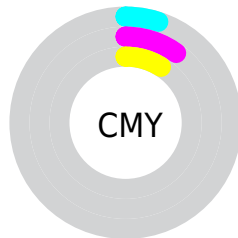
- Red (95%)
- Green (90%)
- Blue (91%)



- Red (95%)
- Yellow (90%)
- Blue (91%)



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (5%)



- Cyan (5%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 241, 230, 231 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 241, 230, 231 by changing the saturation by 10% instead.

■ 241, 230, 231

255, 255, 255

■ 241, 230, 231

■ 213, 202, 203

■ 185, 175, 175

■ 158, 148, 149

■ 132, 122, 123

■ 107, 97, 98

■ 82, 74, 74


■ 59, 51, 52


■ 38, 30, 31


■ 17, 5, 6

 241, 230, 231


 241, 230, 231


 241, 206, 209


 241, 248, 254


 241, 182, 187

 241, 248, 255

 241, 158, 165

 241, 134, 143

 241, 110, 121

 241, 85, 100

 241, 61, 78

 241, 37, 56

 241, 13, 34

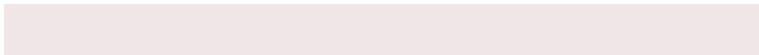
Harmonies

Analogous

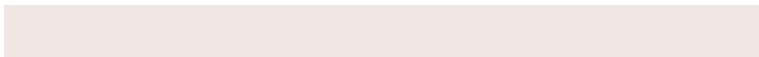
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239, 230, 235



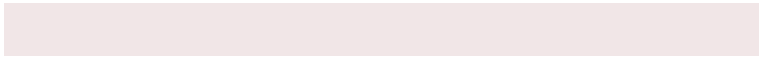
241, 230, 231



241, 231, 227

Triad

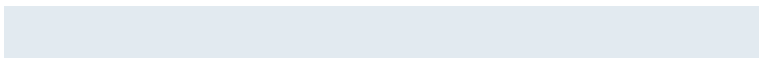
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241, 230, 231



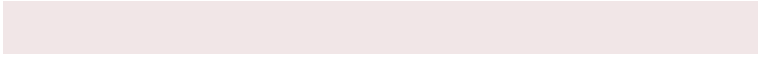
227, 234, 231



226, 231, 240

Complementary

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



241, 230, 231



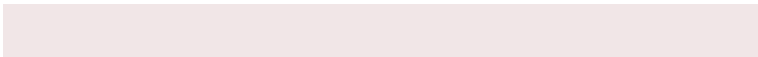
230, 236, 241

Split Complementary

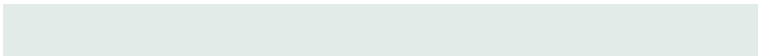
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



224, 230, 237



241, 230, 231



226, 232, 235

Square

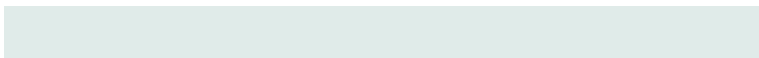
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



241, 230, 231



226, 234, 225



224, 230, 235



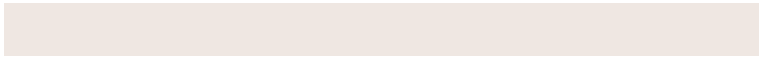
231, 232, 240

Rectangle

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



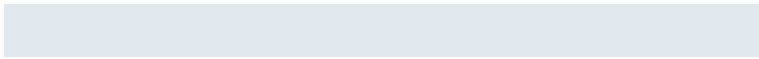
241, 230, 231



239, 234, 226



224, 230, 235



225, 230, 239

Sweetspot

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



241, 230, 231



255, 252, 253



240, 230, 241



128, 126, 126



0, 0, 0



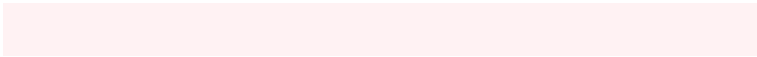
128, 128, 128

Same Dimension

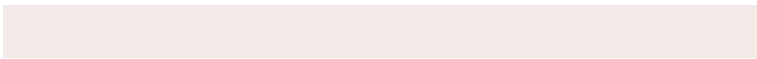
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241, 230, 231



255, 242, 243



241, 236, 230



120, 113, 113



184, 0, 17



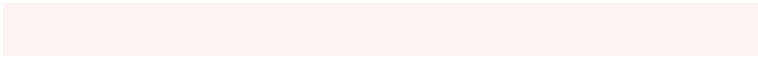
56, 0, 5

Inverse Universe

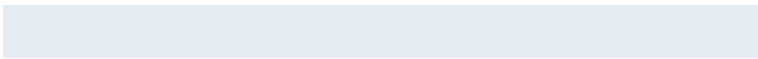
The Inverse Universe completely reimagines the original color for something new.



241, 230, 231



255, 242, 243



230, 234, 241



120, 113, 113



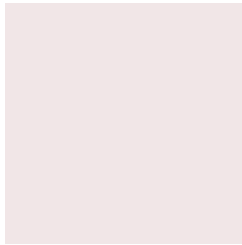
184, 0, 17



56, 0, 5

Previews

White Background



This preview shows how the RYB color 241, 230, 231 looks on a white background.

Color Contrast Check

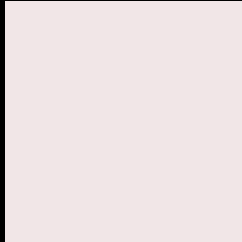
Large Text (above 18pt) WCAG AA × Fail

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 241, 230, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

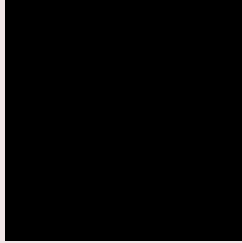
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

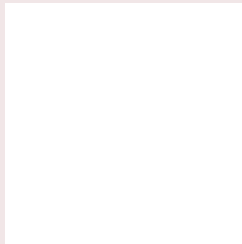
Any Text WCAG AAA ✓ Pass

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

RYB 241, 230, 231 Background



This preview shows how black text looks on a background with the RYB color 241, 230, 231.



This preview shows how white text looks on a background with the RYB color 241, 230, 231.

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

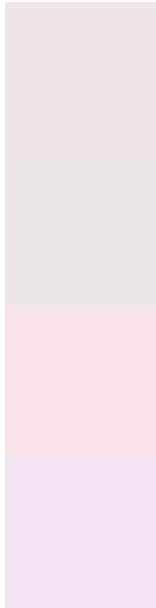




Tritanopia

243, 228, 246

Trichromacy



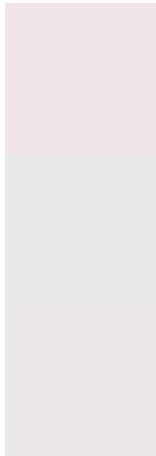
Original Color
241, 230, 231

Protanomaly
238, 231, 232

Deuteranomaly
250, 227, 232

Tritanomaly
242, 229, 241

Monochromacy



Original Color
241, 230, 231

Achromatopsia
233, 233, 233

Achromatomaly
236, 232, 232

CSS Examples

Text

The CSS property to change the color of the text to RYB 241, 230, 231 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(241, 230, 231) looks like.

```
.text, #text, p{  
    color:rgb(241, 230, 231)  
}
```

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(241, 230, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 230, 231) }
```

Border

The CSS property to change the border of an element to RYB 241, 230, 231 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(241, 230, 231) }
```

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

```
.border{ border-color:rgb(241, 230, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 230, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 230, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 230, 231);  
box-shadow:4px 4px 4px 4px rgb(241, 230,  
231) }
```

Background

The CSS property to change the background color of an element to RYB 241, 230, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 230, 231) }
```

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

```
.background{ background-color: rgb(241,  
230, 231) }
```

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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