

Converting Colors

`RYB(253, 237, 231)`

Have a look what the booklet for
RYB(253, 237, 231) contains.

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Color

R_YB(253, 237, 231)

Conversions

Conversions Part 1

Format	Color
Hex	FDECE7
RGB	253, 236, 231
RGB Percent	99%, 93%, 91%
CMY	0.0078, 0.0756, 0.0941
CMYK	0.00, 0.07, 0.09, 0.01
HSL	13°, 85%, 95%
HSV	13°, 9%, 99%
XYZ	84.8451, 86.4787, 87.8215
YIQ	240.5130, 11.7370, 2.0490

Conversions

Conversions Part 2

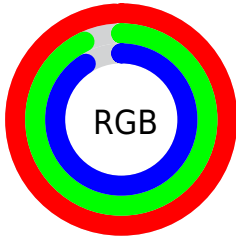
Format	Color
R _Y B	253, 237, 231
Decimal	16641255
CIE Lab	94.52, 5.06, 4.38
CIE LCh	95, 6.693, 40.825
Yxy	86.4787, 0.3274, 0.3337
Android (android.graphics.Color)	4294831335 (0xFFFDECE7)
YUV	240.5130, -4.6899, 10.9511
Hunter-Lab	92.9939, 0.1191, 9.1035

Details

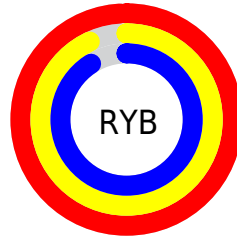
The RYB color **253, 237, 231** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **231, 241, 253**, and the grayscale version is **240, 240, 240**.

A 20% lighter version of the original color is 255, 255, 255, and **196, 182, 175** is the 20% darker color. If you saturate the color by 10%, you get **253, 219, 206**, and if you desaturate by 10%, it is 253, 254, 255.

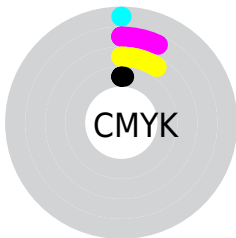
Distribution



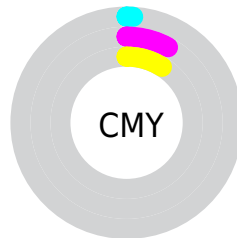
- Red (99%)
- Green (93%)
- Blue (91%)



- Red (99%)
- Yellow (93%)
- Blue (91%)



- Cyan (0%)
- Magenta (7%)
- Yellow (9%)
- Black (1%)



- Cyan (1%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 253, 237, 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 253, 237, 231 by changing the saturation by 10% instead.


 253, 237, 231


255, 255, 255

 253, 237, 231

 224, 208, 203


 196, 182, 175

 169, 154, 149

 142, 128, 123

 117, 103, 98

 92, 79, 74

 68, 56, 52

 46, 35, 31

 26, 15, 6

253, 237, 231

253, 237, 231

253, 219, 206

253, 254, 255

253, 200, 180

253, 182, 155

253, 163, 130

253, 145, 104

253, 126, 79

253, 109, 54

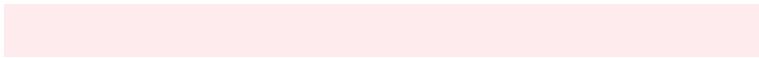
253, 90, 29

253, 72, 3

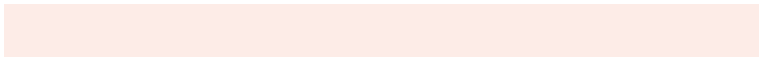
Harmonies

Analogous

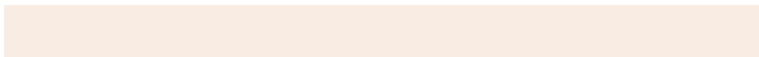
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



253, 235, 237



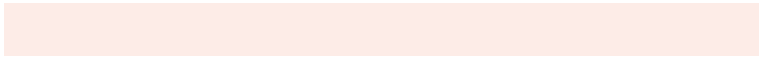
253, 237, 231



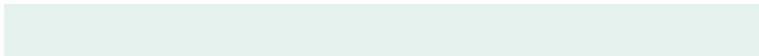
249, 245, 227

Triad

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



253, 237, 231



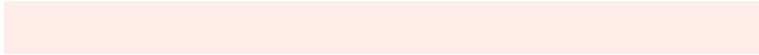
228, 238, 243



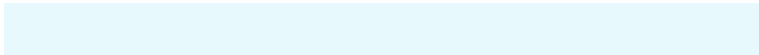
236, 239, 252

Complementary

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



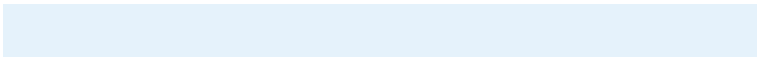
253, 237, 231



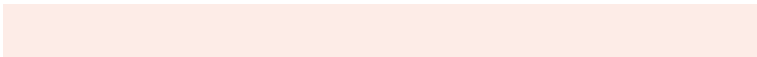
231, 241, 253

Split Complementary

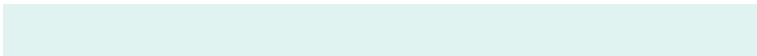
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229, 237, 251



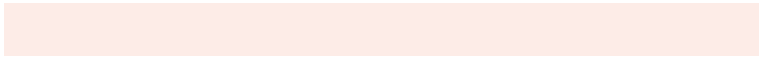
253, 237, 231



224, 234, 243

Square

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



253, 237, 231



229, 241, 235



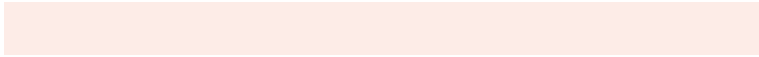
224, 234, 247



243, 237, 249

Rectangle

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



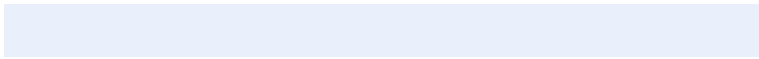
253, 237, 231



235, 245, 226



224, 234, 247



233, 238, 252

Sweetspot

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



253, 237, 231



255, 250, 247



253, 231, 249



128, 123, 122



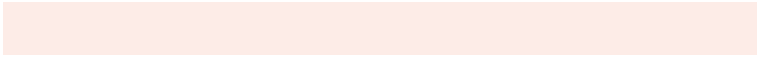
0, 0, 0



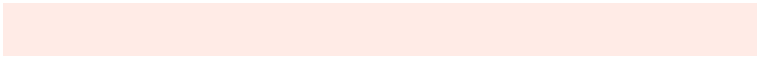
128, 128, 128

Same Dimension

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



253, 237, 231



255, 236, 230



241, 253, 231



128, 117, 115



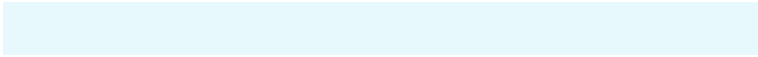
191, 52, 0



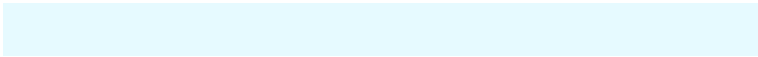
64, 18, 0

Inverse Universe

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



231, 241, 253



230, 241, 255



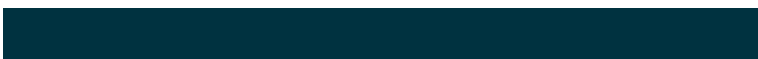
231, 236, 253



115, 121, 128



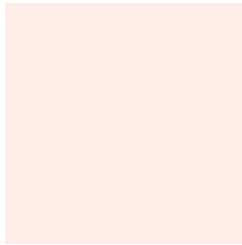
0, 84, 191



0, 28, 64

Previews

White Background



This preview shows how the RYB color 253, 237, 231 looks on a white background.

Color Contrast Check

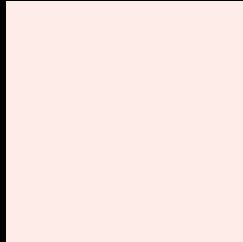
Large Text (above 18pt) WCAG AA × Fail

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 253, 237, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

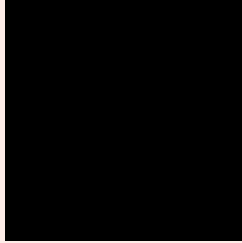
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

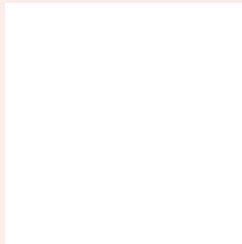
Any Text WCAG AAA ✓ Pass

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

RYB 253, 237, 231 Background



This preview shows how black text looks on a background with the RYB color 253, 237, 231.

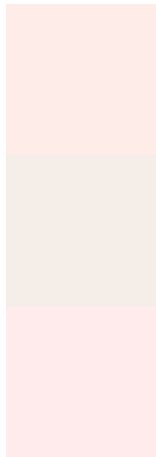


This preview shows how white text looks on a background with the RYB color 253, 237, 231.

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



Original Color
253, 237, 231

Protanopia
245, 243, 232

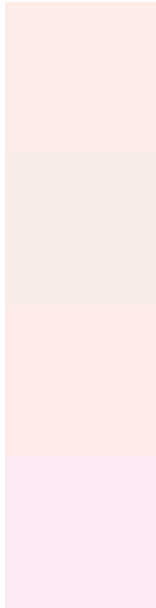
Deuteranopia
255, 235, 235



Tritanopia

255, 233, 250

Trichromacy



Original Color

253, 237, 231

Protanomaly

248, 239, 232

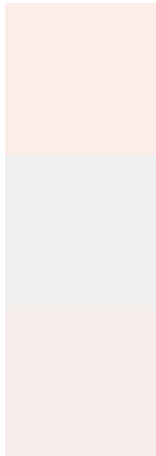
Deuteranomaly

254, 235, 234

Tritanomaly

254, 234, 243

Monochromacy



Original Color

253, 237, 231

Achromatopsia

240, 240, 240

Achromatomaly

245, 238, 237

CSS Examples

Text

The CSS property to change the color of the text to RYB 253, 237, 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(253, 236, 231) looks like.

```
.text, #text, p{  
    color:rgb(253, 236, 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(253, 236, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 236, 231) }
```

Border

The CSS property to change the border of an element to RYB 253, 237, 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(253, 236, 231) }
```

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

```
.border{ border-color:rgb(253, 236, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 236, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 236, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 236, 231);  
box-shadow:4px 4px 4px 4px rgb(253, 236,  
231) }
```

Background

The CSS property to change the background color of an element to RYB 253, 237, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 236, 231) }
```

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

```
.background{ background-color: rgb(253,  
236, 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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