

Converting Colors

`RYB(247, 231, 220)`

Have a look what the booklet for RYB(247, 231, 220) contains.

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Color

R_YB(247, 231, 220)

Conversions

Conversions Part 1

Format	Color
Hex	F7E4DC
RGB	247, 228, 220
RGB Percent	97%, 89%, 86%
CMY	0.0314, 0.1066, 0.1373
CMYK	0.00, 0.08, 0.11, 0.03
HSL	17°, 63%, 92%
HSV	17°, 11%, 97%
XYZ	78.9688, 80.3270, 79.0527
YIQ	232.7690, 13.8920, 1.5400

Conversions

Conversions Part 2

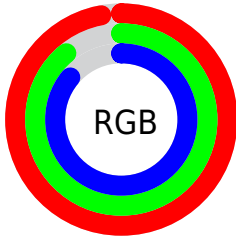
Format	Color
R _Y B	247, 231, 220
Decimal	16245980
CIE Lab	91.83, 5.26, 6.16
CIE LCh	92, 8.099, 49.521
Yxy	80.3270, 0.3313, 0.3370
Android (android.graphics.Color)	4294436060 (0xFFF7E4DC)
YUV	232.7690, -6.2951, 12.4806
Hunter-Lab	89.6253, 0.4319, 10.4418

Details

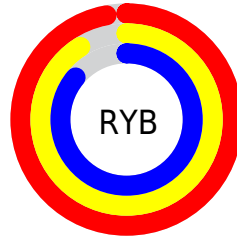
The RYB color **247, 231, 220** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **220, 231, 247**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is 255, 255, 255, and **191, 177, 165** is the 20% darker color. If you saturate the color by 10%, you get **247, 216, 195**, and if you desaturate by 10%, it is **247, 245, 245**.

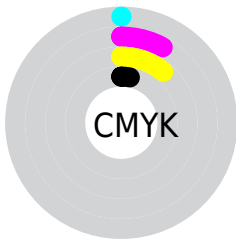
Distribution



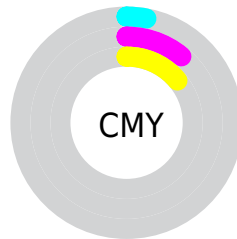
- Red (97%)
- Green (89%)
- Blue (86%)



- Red (97%)
- Yellow (91%)
- Blue (86%)



- Cyan (0%)
- Magenta (8%)
- Yellow (11%)
- Black (3%)



- Cyan (3%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 247, 231, 220 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 247, 231, 220 by changing the saturation by 10% instead.

 247, 231, 220

255, 255, 255


 247, 231, 220

 218, 204, 192

 191, 175, 165


 163, 149, 139

 137, 123, 113

 111, 97, 89

 87, 75, 65

 63, 52, 43

 41, 30, 23

 21, 2, 0

 247, 231, 220


 247, 231, 220


 247, 216, 195

 247, 245, 245


 247, 202, 171


 247, 251, 255


 247, 187, 146

 247, 173, 121

 247, 157, 97

 247, 144, 72

 247, 129, 47

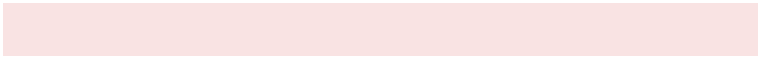
 247, 113, 22

 247, 102, 0

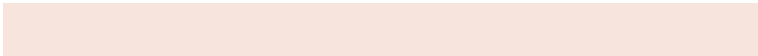
Harmonies

Analogous

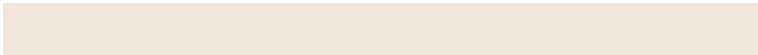
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



249, 227, 227



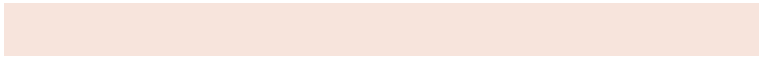
247, 231, 220



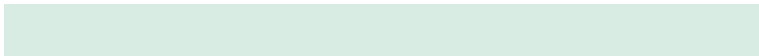
236, 241, 216

Triad

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



247, 231, 220



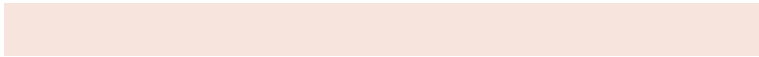
216, 229, 236



230, 230, 246

Complementary

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



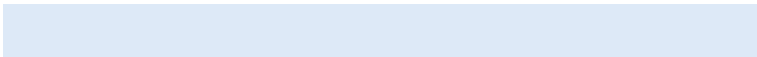
247, 231, 220



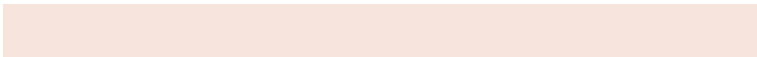
220, 231, 247

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.



221, 229, 247



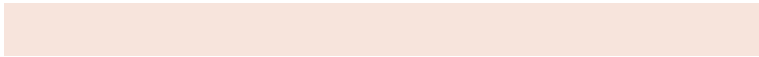
247, 231, 220



213, 225, 236

Square

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



247, 231, 220



221, 235, 232



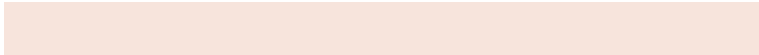
214, 226, 243



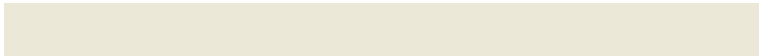
239, 228, 242

Rectangle

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



247, 231, 220



221, 236, 216



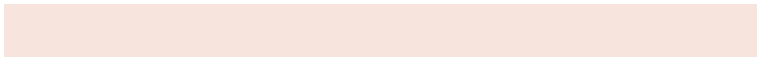
214, 226, 243



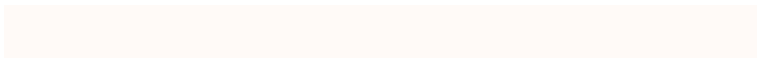
227, 230, 247

Sweetspot

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



247, 231, 220



255, 252, 247



247, 220, 239



128, 125, 122



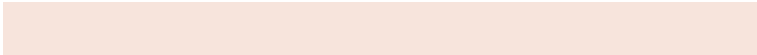
0, 0, 0



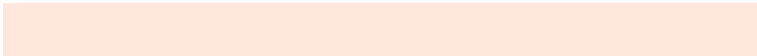
128, 128, 128

Same Dimension

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



247, 231, 220



255, 234, 222



228, 247, 220



122, 116, 110



186, 76, 0



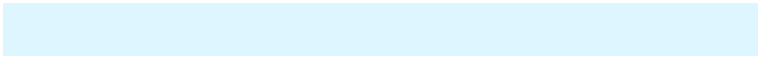
59, 24, 0

Inverse Universe

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



220, 231, 247



222, 236, 255



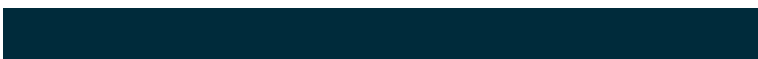
220, 225, 247



110, 115, 122



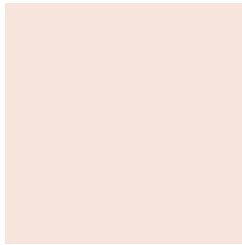
0, 77, 186



0, 25, 59

Previews

White Background



This preview shows how the RYB color 247, 231, 220 looks on a white background.

Color Contrast Check

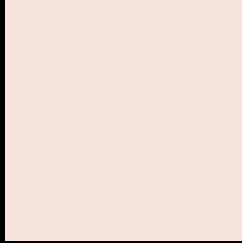
Large Text (above 18pt) WCAG AA × Fail

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 247, 231, 220 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

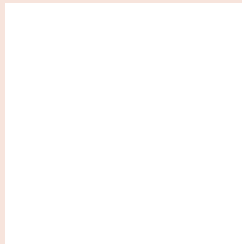
Any Text WCAG AAA ✓ Pass

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

RYB 247, 231, 220 Background



This preview shows how black text looks on a background with the RYB color 247, 231, 220.

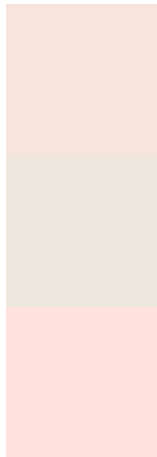


This preview shows how white text looks on a background with the RYB color 247, 231, 220.

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
247, 231, 220

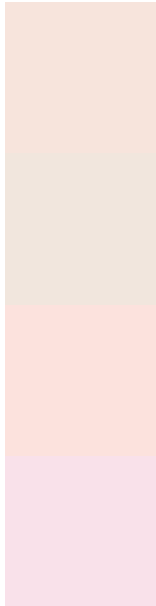
Protanopia
234, 238, 222

Deuteranopia
255, 225, 222



Tritanopia
250, 224, 242

Trichromacy



Original Color

247, 231, 220

Protanomaly

241, 237, 221

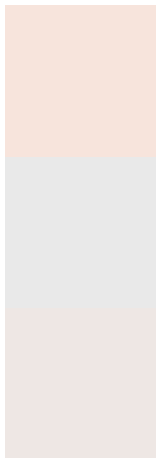
Deuteranomaly

252, 227, 221

Tritanomaly

249, 225, 234

Monochromacy



Original Color

247, 231, 220

Achromatopsia

233, 233, 233

Achromatomaly

238, 232, 228

CSS Examples

Text

The CSS property to change the color of the text to RYB 247, 231, 220 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(247, 228, 220) looks like.

```
.text, #text, p{  
    color:rgb(247, 228, 220)  
}
```

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(247, 228, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 228, 220) }
```

Border

The CSS property to change the border of an element to RYB 247, 231, 220 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(247, 228, 220) }
```

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

```
.border{ border-color:rgb(247, 228, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 228, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 228, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 228, 220);  
box-shadow:4px 4px 4px 4px rgb(247, 228,  
220) }
```

Background

The CSS property to change the background color of an element to RGB 247, 231, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 228, 220) }
```

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

```
.background{ background-color: rgb(247,  
228, 220) }
```

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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