

Converting Colors

`RYB(247, 226, 220)`

Have a look what the booklet for
RYB(247, 226, 220) contains.

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Color

R_YB(247, 226, 220)

Conversions

Conversions Part 1

Format	Color
Hex	F7E1DC
RGB	247, 225, 220
RGB Percent	97%, 88%, 86%
CMY	0.0314, 0.1180, 0.1373
CMYK	0.00, 0.09, 0.11, 0.03
HSL	11°, 63%, 92%
HSV	11°, 11%, 97%
XYZ	78.1767, 78.7427, 78.7887
YIQ	231.0080, 14.7170, 3.1090

Conversions

Conversions Part 2

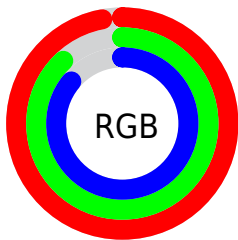
Format	Color
RYB	247, 226, 220
Decimal	16245212
CIELab	91.12, 6.76, 5.13
CIElCh	91, 8.484, 37.211
Yxy	78.7427, 0.3317, 0.3341
Android (android.graphics.Color)	4294435292 (0xFFFF7E1DC)
YUV	231.0080, -5.4269, 14.0250
Hunter-Lab	88.7371, 1.9671, 9.4731

Details

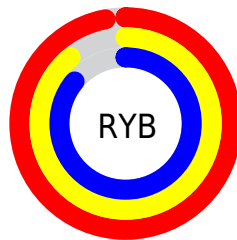
The RYB color **247, 226, 220** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **220, 232, 247**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is 255, 255, 255, and **191, 171, 165** is the 20% darker color. If you saturate the color by 10%, you get **247, 207, 195**, and if you desaturate by 10%, it is **247, 245, 245**.

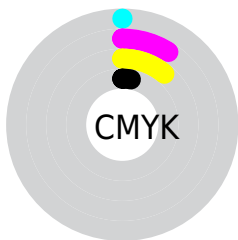
Distribution



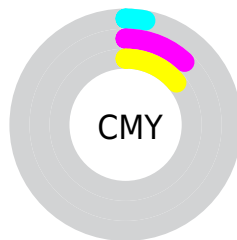
- Red (97%)
- Green (88%)
- Blue (86%)



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



- Cyan (0%)
- Magenta (9%)
- Yellow (11%)
- Black (3%)



- Cyan (3%)
- Magenta (12%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 247, 226, 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, 226, 220 by changing the saturation by 10% instead.

 247, 226, 220

255, 255, 255


 247, 226, 220

 218, 198, 192

 191, 171, 165


 163, 144, 139

 137, 119, 113

 111, 94, 89

 87, 70, 65

 63, 48, 43

 41, 27, 23

 21, 0, 0

 247, 226, 220

 247, 226, 220


 247, 207, 195

 247, 245, 245


 247, 187, 171

 247, 251, 255

 247, 168, 146

 247, 149, 121

 247, 130, 97

 247, 111, 72

 247, 91, 47

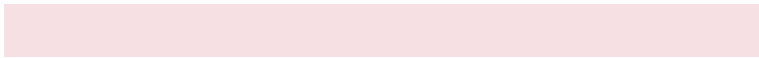
 247, 72, 22

 247, 55, 0

Harmonies

Analogous

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



247, 224, 228



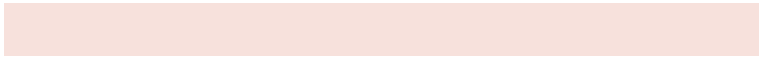
247, 226, 220



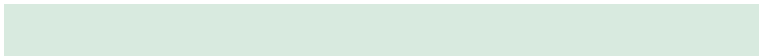
242, 237, 215

Triad

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



247, 226, 220



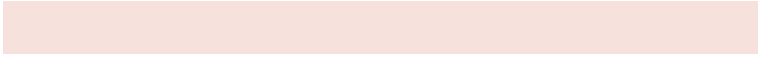
216, 229, 234



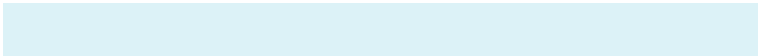
224, 229, 245

Complementary

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



247, 226, 220



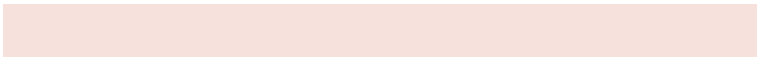
220, 232, 247

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.



215, 226, 244



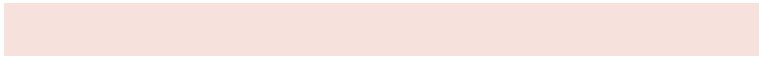
247, 226, 220



211, 224, 235

Square

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



247, 226, 220



216, 232, 223



210, 223, 239



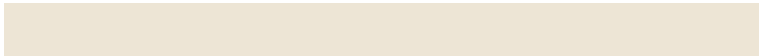
234, 227, 242

Rectangle

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



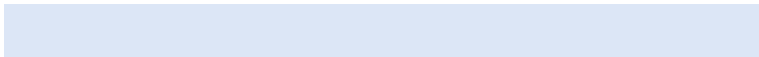
247, 226, 220



225, 237, 213



210, 223, 239



220, 227, 246

Sweetspot

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



247, 226, 220



255, 250, 247



247, 220, 243



128, 123, 122



0, 0, 0



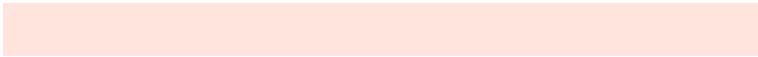
128, 128, 128

Same Dimension

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



247, 226, 220



255, 229, 222



234, 247, 220



122, 112, 110



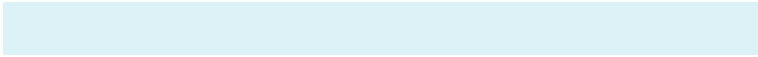
186, 42, 0



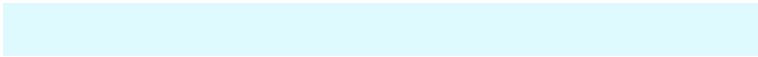
59, 14, 0

Inverse Universe

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



220, 232, 247



222, 237, 255



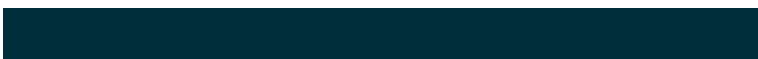
220, 227, 247



110, 115, 122



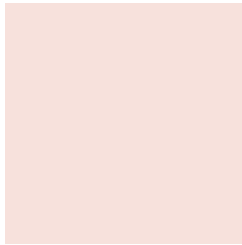
0, 84, 186



0, 26, 59

Previews

White Background



This preview shows how the RYB color 247, 226, 220 looks on a white background.

Color Contrast Check

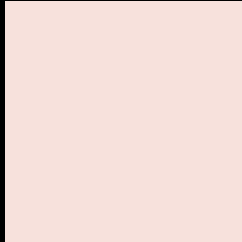
Large Text (above 18pt) WCAG AA × Fail

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, 226, 220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

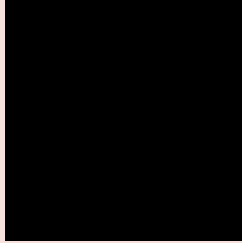
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

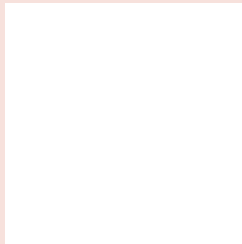
Any Text WCAG AAA ✓ Pass

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

R/Y/B 247, 226, 220 Background



This preview shows how black text looks on a background with the R/Y/B color 247, 226, 220.

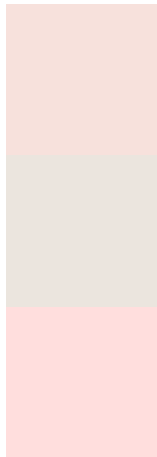


This preview shows how white text looks on a background with the R/Y/B color 247, 226, 220.

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, 226, 220

Protanopia
233, 235, 222

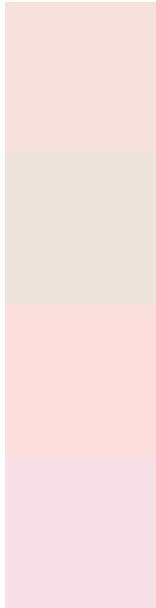
Deuteranopia
255, 222, 221



Tritanopia

250, 222, 239

Trichromacy



Original Color

247, 226, 220

Protanomaly

239, 232, 221

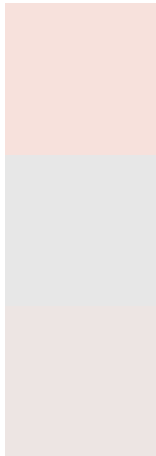
Deuteranomaly

252, 223, 221

Tritanomaly

249, 223, 232

Monochromacy



Original Color

247, 226, 220

Achromatopsia

231, 231, 231

Achromatomaly

237, 230, 227

CSS Examples

Text

The CSS property to change the color of the text to RYB 247, 226, 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, 225, 220)` looks like.

```
.text, #text, p{  
    color:rgb(247, 225, 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, 225, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 225, 220) }
```

Border

The CSS property to change the border of an element to RYB 247, 226, 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, 225, 220) }
```

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

```
.border{ border-color:rgb(247, 225, 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, 225, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 225, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 225, 220);  
box-shadow:4px 4px 4px 4px rgb(247, 225,  
220) }
```

Background

The CSS property to change the background color of an element to RYB 247, 226, 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, 225, 220) }
```

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

```
.background{ background-color: rgb(247,  
225, 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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