

Converting Colors

`RYB(247, 217, 215)`

Have a look what the booklet for
RYB(247, 217, 215) contains.

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Color

$\text{RYB}(247, 217, 215)$

Conversions

Conversions Part 1

Format	Color
Hex	F7D9D7
RGB	247, 217, 215
RGB Percent	97%, 85%, 84%
CMY	0.0314, 0.1495, 0.1569
CMYK	0.00, 0.12, 0.13, 0.03
HSL	4°, 67%, 91%
HSV	4°, 13%, 97%
XYZ	75.4061, 74.2455, 74.6465
YIQ	225.7420, 18.5220, 5.7380

Conversions

Conversions Part 2

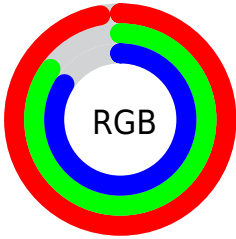
Format	Color
RYB	247, 217, 215
Decimal	16243159
CIELab	89.04, 10.12, 4.75
CIElCh	89, 11.178, 25.142
Yxy	74.2455, 0.3362, 0.3310
Android (android.graphics.Color)	4294433239 (0xFFFF7D9D7)
YUV	225.7420, -5.2958, 18.6433
Hunter-Lab	86.1658, 5.4199, 8.9525

Details

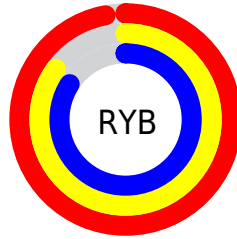
The RYB color **247, 217, 215** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **215, 230, 247**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **255, 255, 255**, and **190, 162, 160** is the 20% darker color. If you saturate the color by 10%, you get **247, 194, 190**, and if you desaturate by 10%, it is **247, 240, 240**.

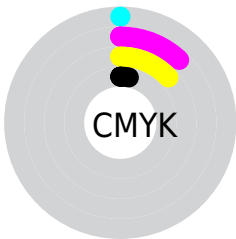
Distribution



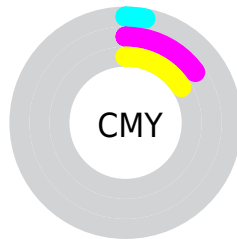
- Red (97%)
- Green (85%)
- Blue (84%)



- Red (97%)
- Yellow (85%)
- Blue (84%)



- Cyan (0%)
- Magenta (12%)
- Yellow (13%)
- Black (3%)



- Cyan (3%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the RYB color 247, 217, 215 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, 217, 215 by changing the saturation by 10% instead.

 247, 217, 215

255, 255, 255


 247, 217, 215

 218, 189, 187

 190, 162, 160

 163, 136, 134

 137, 110, 109

 111, 86, 85

 86, 63, 61

 63, 41, 40

 40, 20, 19


 15, 0, 0

 247, 217, 215

 247, 217, 215


 247, 194, 190

 247, 240, 240

 247, 170, 166

 247, 251, 255

 247, 147, 141

 247, 125, 116

 247, 102, 92

 247, 78, 67

 247, 55, 42

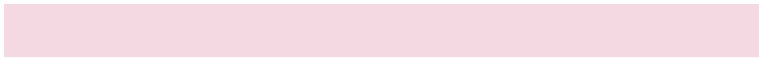
 247, 32, 17

 247, 16, 0

Harmonies

Analogous

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



245, 217, 226



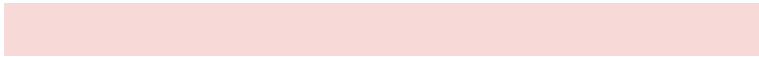
247, 217, 215



243, 225, 207

Triad

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



247, 217, 215



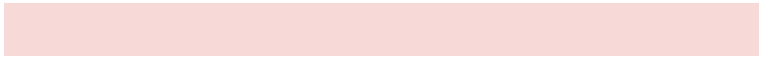
210, 228, 229



211, 221, 245

Complementary

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



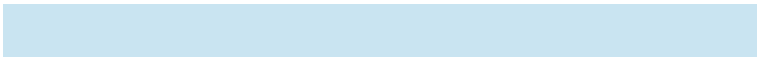
247, 217, 215



215, 230, 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.



201, 217, 241



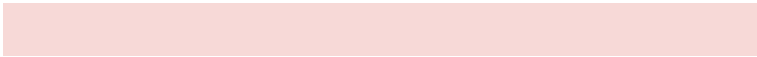
247, 217, 215



201, 218, 230

Square

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



247, 217, 215



204, 226, 207



197, 214, 232



224, 221, 243

Rectangle

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



247, 217, 215



236, 238, 203



197, 214, 232



207, 220, 244

Sweetspot

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



247, 217, 215



255, 245, 245



247, 215, 245



128, 122, 121



0, 0, 0



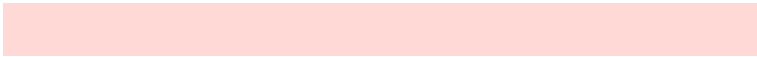
128, 128, 128

Same Dimension

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



247, 217, 215



255, 217, 214



240, 247, 215



122, 111, 110



186, 12, 0



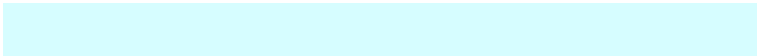
59, 3, 0

Inverse Universe

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



215, 230, 247



214, 234, 255



215, 225, 247



110, 116, 122



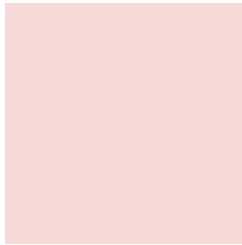
0, 90, 186



0, 28, 59

Previews

White Background



This preview shows how the RYB color 247, 217, 215 looks on a white background.

Color Contrast Check

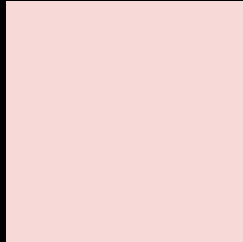
Large Text (above 18pt) WCAG AA × Fail

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, 217, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

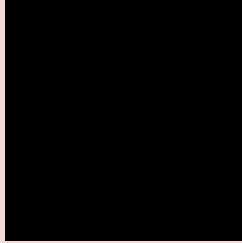
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

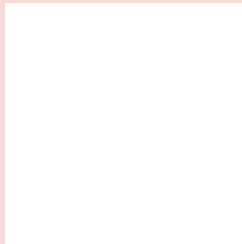
Any Text WCAG AAA ✓ Pass

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

RYB 247, 217, 215 Background



This preview shows how black text looks on a background with the RYB color 247, 217, 215.

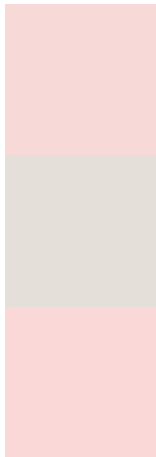


This preview shows how white text looks on a background with the RYB color 247, 217, 215.

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, 217, 215

Protanopia
229, 227, 218

Deuteranopia
249, 216, 215



Tritanopia
249, 214, 231

Trichromacy



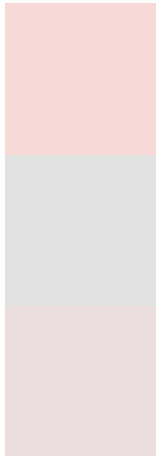
Original Color
247, 217, 215

Protanomaly
236, 222, 217

Deuteranomaly
248, 216, 215

Tritanomaly
248, 215, 225

Monochromacy



Original Color
247, 217, 215

Achromatopsia
226, 226, 226

Achromatomaly
234, 223, 222

CSS Examples

Text

The CSS property to change the color of the text to RYB 247, 217, 215 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, 217, 215)` looks like.

```
.text, #text, p{  
    color:rgb(247, 217, 215)  
}
```

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, 217, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 217, 215) }
```

Border

The CSS property to change the border of an element to RYB 247, 217, 215 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, 217, 215) }
```

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

```
.border{ border-color:rgb(247, 217, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 217, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 217, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 217, 215);  
box-shadow:4px 4px 4px 4px rgb(247, 217,  
215) }
```

Background

The CSS property to change the background color of an element to RYB 247, 217, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 217, 215) }
```

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

```
.background{ background-color: rgb(247,  
217, 215) }
```

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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