

Converting Colors

`RYB(250, 217, 214)`

Have a look what the booklet for
RYB(250, 217, 214) contains.

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Color

R_YB(250, 217, 214)

Conversions

Conversions Part 1

Format	Color
Hex	FAD9D6
RGB	250, 217, 214
RGB Percent	98%, 85%, 84%
CMY	0.0196, 0.1499, 0.1608
CMYK	0.00, 0.13, 0.14, 0.02
HSL	5°, 78%, 91%
HSV	5°, 14%, 98%
XYZ	76.3154, 74.6859, 74.0119
YIQ	226.5250, 20.6310, 6.0630

Conversions

Conversions Part 2

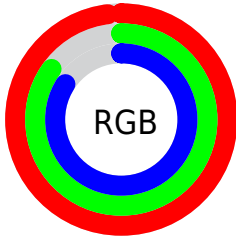
Format	Color
R _Y B	250, 217, 214
Decimal	16439766
CIE Lab	89.25, 11.08, 5.61
CIE LCh	89, 12.417, 26.847
Yxy	74.6859, 0.3392, 0.3319
Android (android.graphics.Color)	4294629846 (0xFFFAD9D6)
YUV	226.5250, -6.1748, 20.5876
Hunter-Lab	86.4210, 6.3904, 9.7181

Details

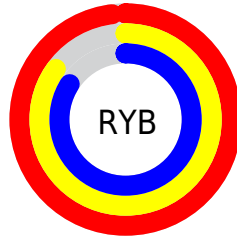
The RYB color **250, 217, 214** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **214, 231, 250**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is 255, 255, 255, and **193, 162, 159** is the 20% darker color. If you saturate the color by 10%, you get **250, 194, 189**, and if you desaturate by 10%, it is 250, 240, 239.

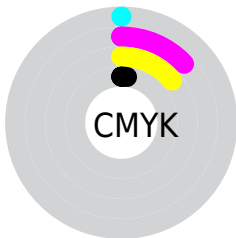
Distribution



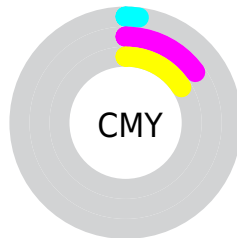
- Red (98%)
- Green (85%)
- Blue (84%)



- Red (98%)
- Yellow (85%)
- Blue (84%)



- Cyan (0%)
- Magenta (13%)
- Yellow (14%)
- Black (2%)



- Cyan (2%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the RYB color 250, 217, 214 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 250, 217, 214 by changing the saturation by 10% instead.

 250, 217, 214

255, 255, 255

 250, 217, 214

 221, 189, 186

 193, 162, 159

 166, 136, 133

 139, 110, 108

 113, 86, 84

 89, 63, 61


 65, 40, 39

 42, 20, 18


 18, 0, 0

 250, 217, 214


 250, 217, 214


 250, 194, 189


 250, 240, 239

 250, 172, 164

 250, 253, 255

 250, 149, 139

 250, 125, 114

 250, 102, 89

 250, 79, 64

 250, 56, 39

 250, 33, 14

 250, 21, 0

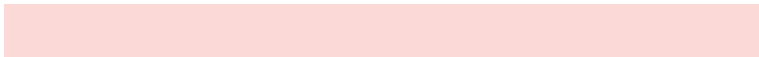
Harmonies

Analogous

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



248, 216, 226



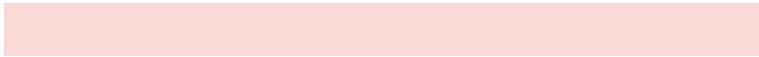
250, 217, 214



246, 226, 205

Triad

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



250, 217, 214



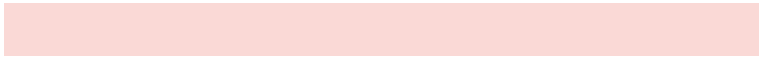
209, 228, 230



210, 221, 248

Complementary

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



250, 217, 214



214, 231, 250

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.



199, 217, 244



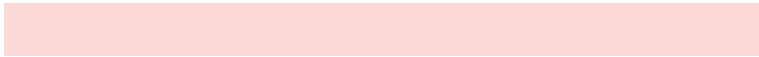
250, 217, 214



199, 218, 231

Square

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



250, 217, 214



203, 227, 208



195, 214, 234



225, 222, 245

Rectangle

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



250, 217, 214



232, 239, 201



195, 214, 234



206, 220, 247

Sweetspot

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



250, 217, 214



255, 246, 245



250, 214, 248



128, 122, 121



0, 0, 0



128, 128, 128

Same Dimension

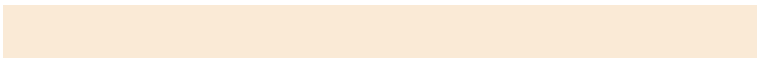
The Same Dimension uses a secret algorithm to generate beautiful new colors.



250, 217, 214



255, 215, 212



243, 250, 214



125, 113, 112



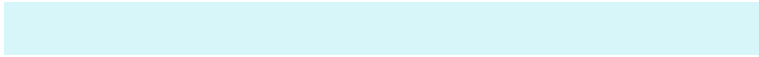
189, 16, 0



61, 5, 0

Inverse Universe

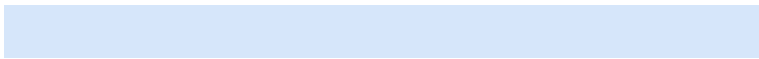
The Inverse Universe completely reimagines the original color for something new.



214, 231, 250



212, 233, 255



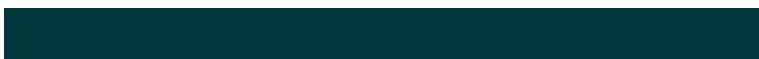
214, 225, 250



112, 118, 125



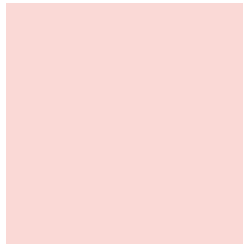
0, 91, 189



0, 29, 61

Previews

White Background



This preview shows how the RYB color 250, 217, 214 looks on a white background.

Color Contrast Check

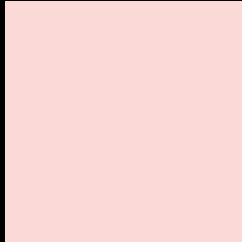
Large Text (above 18pt) WCAG AA × Fail

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 250, 217, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

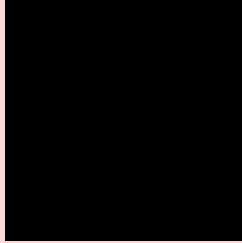
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

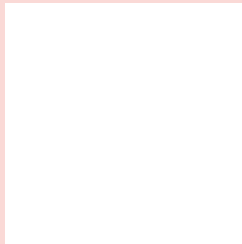
Any Text WCAG AAA ✓ Pass

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

RYB 250, 217, 214 Background



This preview shows how black text looks on a background with the RYB color 250, 217, 214.

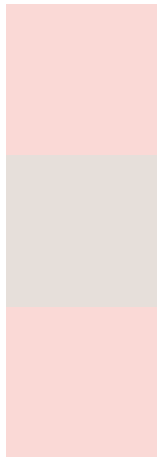


This preview shows how white text looks on a background with the RYB color 250, 217, 214.

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
250, 217, 214

Protanopia
230, 227, 218

Deuteranopia
250, 217, 214



Tritanopia
252, 214, 231

Trichromacy



Original Color

250, 217, 214

Protanomaly

237, 222, 217

Deuteranomaly

250, 217, 214

Tritanomaly

251, 215, 225

Monochromacy



Original Color

250, 217, 214

Achromatopsia

226, 226, 226

Achromatomaly

235, 223, 222

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 217, 214 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(250, 217, 214) looks like.

```
.text, #text, p{  
    color:rgb(250, 217, 214)  
}
```

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(250, 217, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 217, 214) }
```

Border

The CSS property to change the border of an element to RYB 250, 217, 214 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(250, 217, 214) }
```

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

```
.border{ border-color:rgb(250, 217, 214) }
```

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

Here you see how a box with a 4 pixel rgb(250, 217, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 217, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 217, 214);  
box-shadow:4px 4px 4px 4px rgb(250, 217,  
214) }
```

Background

The CSS property to change the background color of an element to RYB 250, 217, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 217, 214) }
```

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

```
.background{ background-color: rgb(250,  
217, 214) }
```

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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