

Converting Colors

`RYB(252, 217, 214)`

Have a look what the booklet for
RYB(252, 217, 214) contains.

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Color

RYB(252, 217, 214)

Conversions

Conversions Part 1

Format	Color
Hex	FCD9D6
RGB	252, 217, 214
RGB Percent	99%, 85%, 84%
CMY	0.0118, 0.1499, 0.1608
CMYK	0.00, 0.14, 0.15, 0.01
HSL	4°, 86%, 91%
HSV	4°, 15%, 99%
XYZ	77.0388, 75.0631, 74.0466
YIQ	227.1230, 21.8230, 6.4870

Conversions

Conversions Part 2

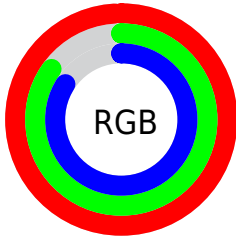
Format	Color
R _Y B	252, 217, 214
Decimal	16570838
CIE Lab	89.42, 11.78, 5.88
CIE LCh	89, 13.168, 26.546
Yxy	75.0631, 0.3407, 0.3319
Android (android.graphics.Color)	4294760918 (0xFFFCDD9D6)
YUV	227.1230, -6.4696, 21.8171
Hunter-Lab	86.6390, 7.1028, 9.9747

Details

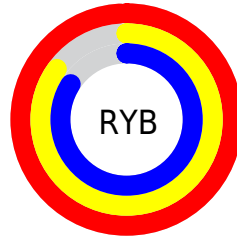
The RYB color **252, 217, 214** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **214, 232, 252**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is 255, 255, 255, and **195, 162, 159** is the 20% darker color. If you saturate the color by 10%, you get **252, 193, 189**, and if you desaturate by 10%, it is **252, 240, 239**.

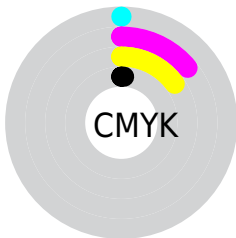
Distribution



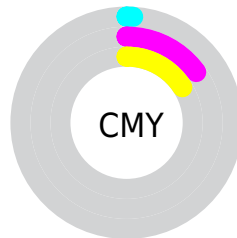
- Red (99%)
- Green (85%)
- Blue (84%)



- Red (99%)
- Yellow (85%)
- Blue (84%)



- Cyan (0%)
- Magenta (14%)
- Yellow (15%)
- Black (1%)



- Cyan (1%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the RYB color 252, 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 252, 217, 214 by changing the saturation by 10% instead.

 252, 217, 214


255, 255, 255


 252, 217, 214

 223, 189, 186

 195, 162, 159


 168, 136, 133

 141, 110, 108

 115, 86, 84

 90, 62, 61

 66, 40, 39

 43, 20, 18

 21, 0, 0

■ 252, 217, 214

■ 252, 217, 214

■ 252, 193, 189

■ 252, 240, 239

■ 252, 170, 164

■ 252, 254, 255

■ 252, 148, 138

■ 252, 124, 113

■ 252, 101, 88

■ 252, 78, 63

■ 252, 54, 38

■ 252, 31, 12

■ 252, 19, 0

Harmonies

Analogous

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



250, 216, 227



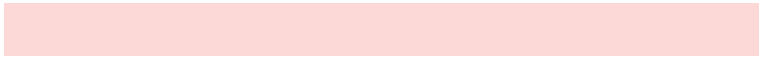
252, 217, 214



247, 227, 204

Triad

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



252, 217, 214



208, 228, 231



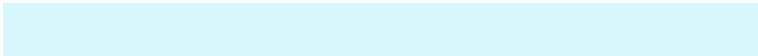
210, 221, 249

Complementary

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



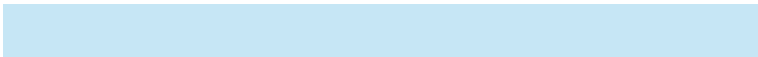
252, 217, 214



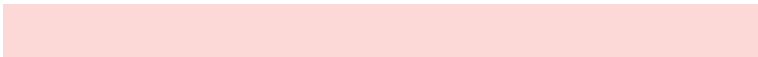
214, 232, 252

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.



198, 217, 245



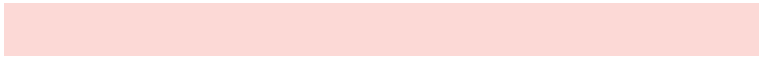
252, 217, 214



197, 217, 232

Square

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



252, 217, 214



202, 227, 206



193, 213, 235



226, 222, 247

Rectangle

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



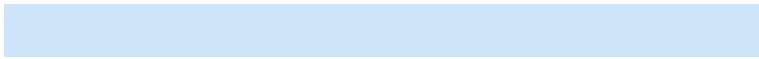
252, 217, 214



237, 241, 201



193, 213, 235



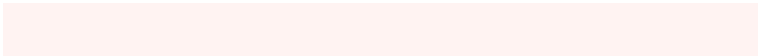
205, 220, 249

Sweetspot

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



252, 217, 214



255, 243, 242



252, 214, 249



128, 120, 120



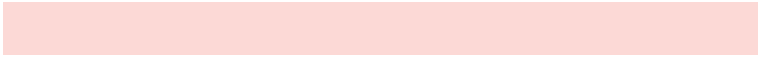
0, 0, 0



128, 128, 128

Same Dimension

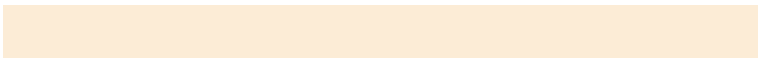
The Same Dimension uses a secret algorithm to generate beautiful new colors.



252, 217, 214



255, 212, 209



242, 252, 214



125, 113, 112



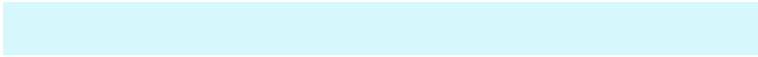
189, 15, 0



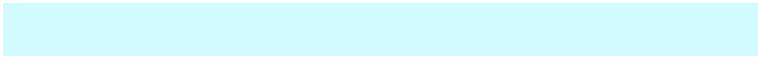
61, 4, 0

Inverse Universe

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



214, 232, 252



209, 231, 255



214, 225, 252



112, 118, 125



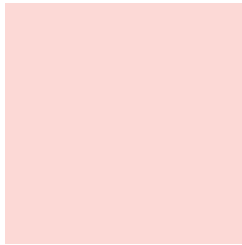
0, 91, 189



0, 29, 61

Previews

White Background



This preview shows how the RYB color 252, 217, 214 looks on a white background.

Color Contrast Check

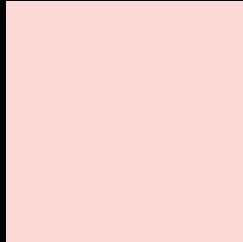
Large Text (above 18pt) WCAG AA × Fail

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 252, 217, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

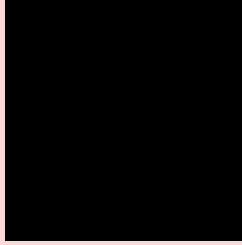
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

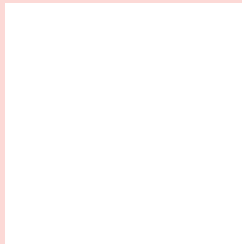
Any Text WCAG AAA ✓ Pass

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

RYB 252, 217, 214 Background



This preview shows how black text looks on a background with the RYB color 252, 217, 214.

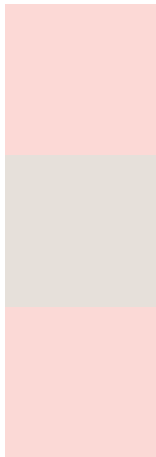


This preview shows how white text looks on a background with the RYB color 252, 217, 214.

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
252, 217, 214

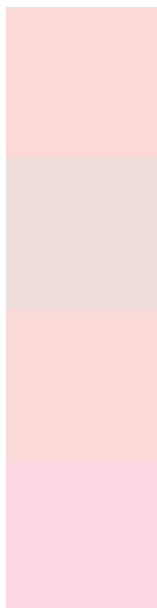
Protanopia
230, 230, 218

Deuteranopia
251, 217, 214



Tritanopia
254, 214, 231

Trichromacy



Original Color

252, 217, 214

Protanomaly

238, 222, 217

Deuteranomaly

251, 217, 214

Tritanomaly

253, 215, 225

Monochromacy



Original Color

252, 217, 214

Achromatopsia

227, 227, 227

Achromatomaly

236, 223, 222

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 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(252, 217, 214) looks like.

```
.text, #text, p{  
    color:rgb(252, 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(252, 217, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 217, 214) }
```

Border

The CSS property to change the border of an element to RYB 252, 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(252, 217, 214) }
```

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

```
.border{ border-color:rgb(252, 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(252, 217, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 217, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 217, 214);  
box-shadow:4px 4px 4px 4px rgb(252, 217,  
214) }
```

Background

The CSS property to change the background color of an element to RYB 252, 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(252, 217, 214) }
```

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

```
.background{ background-color: rgb(252,  
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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