

Converting Colors

`RYB(254, 214, 210)`

Have a look what the booklet for
RYB(254, 214, 210) contains.

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Color

R_YB(254, 214, 210)

Conversions

Conversions Part 1

Format	Color
Hex	FED6D2
RGB	254, 214, 210
RGB Percent	100%, 84%, 82%
CMY	0.0039, 0.1621, 0.1765
CMYK	0.00, 0.16, 0.17, 0.00
HSL	5°, 96%, 91%
HSV	5°, 17%, 100%
XYZ	76.4682, 73.6486, 71.1581
YIQ	225.5040, 25.1240, 7.2360

Conversions

Conversions Part 2

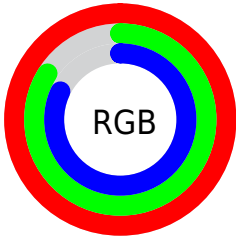
Format	Color
R _Y B	254, 214, 210
Decimal	16701138
CIE Lab	88.76, 13.50, 7.05
CIE LCh	89, 15.230, 27.588
Yxy	73.6486, 0.3456, 0.3328
Android (android.graphics.Color)	4294891218 (0xFF FED6D2)
YUV	225.5040, -7.6435, 24.9910
Hunter-Lab	85.8187, 8.8684, 10.9118

Details

The RYB color **254, 214, 210** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **210, 231, 254**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is 255, 255, 255, and **197, 159, 156** is the 20% darker color. If you saturate the color by 10%, you get **254, 190, 185**, and if you desaturate by 10%, it is **254, 237, 235**.

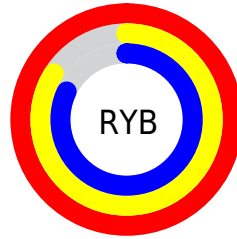
Distribution



Red (100%)

Green (84%)

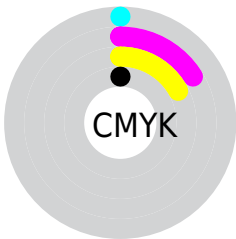
Blue (82%)



Red (100%)

Yellow (84%)

Blue (82%)

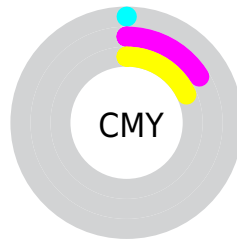


Cyan (0%)

Magenta (16%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 254, 214, 210 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 254, 214, 210 by changing the saturation by 10% instead.


 254, 214, 210


255, 255, 255

 254, 214, 210


 225, 186, 182

 197, 159, 156

 169, 133, 130

 142, 107, 104

 116, 83, 80

 91, 60, 57

 67, 38, 36

 44, 17, 15

 19, 0, 0

254, 214, 210

254, 214, 210

254, 190, 185

254, 237, 235

254, 168, 159

254, 255, 255

254, 145, 134

254, 122, 108

254, 98, 83

254, 75, 58

254, 53, 32

254, 29, 7

254, 23, 0

Harmonies

Analogous

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



252, 213, 225



254, 214, 210



248, 227, 199

Triad

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



254, 214, 210



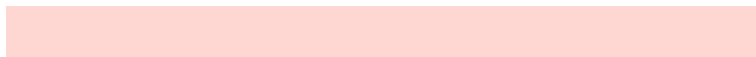
203, 227, 230



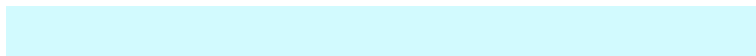
206, 219, 251

Complementary

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



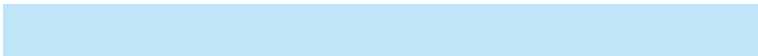
254, 214, 210



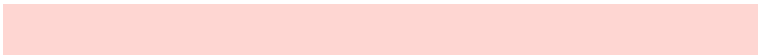
210, 231, 254

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.



192, 214, 247



254, 214, 210



191, 214, 231

Square

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



254, 214, 210



197, 226, 203



186, 210, 236



224, 220, 248

Rectangle

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



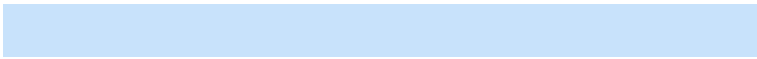
254, 214, 210



234, 241, 195



186, 210, 236



200, 217, 251

Sweetspot

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



254, 214, 210



255, 243, 242



254, 210, 250



128, 120, 120



0, 0, 0



128, 128, 128

Same Dimension

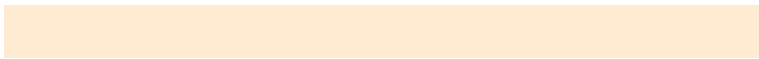
The Same Dimension uses a secret algorithm to generate beautiful new colors.



254, 214, 210



255, 207, 201



243, 254, 210



128, 116, 115



191, 17, 0



64, 5, 0

Inverse Universe

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



210, 231, 254



201, 227, 255



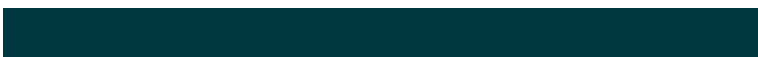
210, 223, 254



115, 121, 128



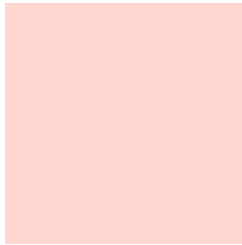
0, 91, 191



0, 30, 64

Previews

White Background



This preview shows how the RYB color 254, 214, 210 looks on a white background.

Color Contrast Check

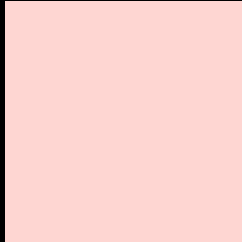
Large Text (above 18pt) WCAG AA × Fail

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 254, 214, 210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

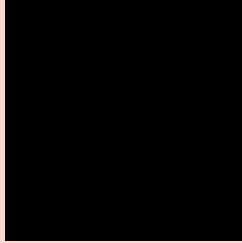
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

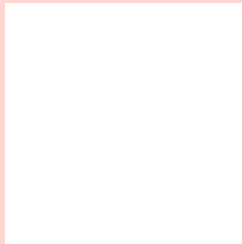
Any Text WCAG AAA ✓ Pass

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

RYB 254, 214, 210 Background



This preview shows how black text looks on a background with the RYB color 254, 214, 210.

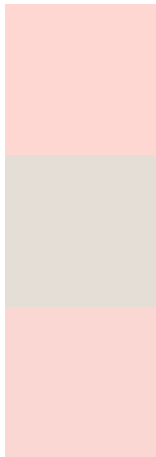


This preview shows how white text looks on a background with the RYB color 254, 214, 210.

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
254, 214, 210

Protanopia
229, 229, 215

Deuteranopia
250, 216, 210



Tritanopia
255, 211, 227

Trichromacy



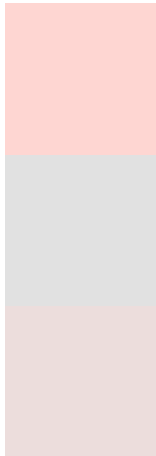
Original Color
254, 214, 210

Protanomaly
238, 221, 213

Deuteranomaly
251, 216, 210

Tritanomaly
255, 212, 221

Monochromacy



Original Color
254, 214, 210

Achromatopsia
225, 225, 225

Achromatomaly
236, 221, 220

CSS Examples

Text

The CSS property to change the color of the text to RYB 254, 214, 210 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(254, 214, 210) looks like.

```
.text, #text, p{  
    color:rgb(254, 214, 210)  
}
```

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(254, 214, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 214, 210) }
```

Border

The CSS property to change the border of an element to RYB 254, 214, 210 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(254, 214, 210) }
```

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

```
.border{ border-color:rgb(254, 214, 210) }
```

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

Here you see how a box with a 4 pixel rgb(254, 214, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 214, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 214, 210);  
box-shadow:4px 4px 4px 4px rgb(254, 214,  
210) }
```

Background

The CSS property to change the background color of an element to RYB 254, 214, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 214, 210) }
```

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

```
.background{ background-color: rgb(254,  
214, 210) }
```

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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