

Converting Colors

`RYB(247, 214, 201)`

Have a look what the booklet for
RYB(247, 214, 201) contains.

RYB(247, 214, 201)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(247, 214, 201)

Conversions

Conversions Part 1

Format	Color
Hex	F7D3C9
RGB	247, 211, 201
RGB Percent	97%, 83%, 79%
CMY	0.0314, 0.1720, 0.2118
CMYK	0.00, 0.15, 0.19, 0.03
HSL	13°, 74%, 88%
HSV	13°, 19%, 97%
XYZ	72.2284, 70.6471, 65.0878
YIQ	220.6240, 24.6660, 4.5220

Conversions

Conversions Part 2

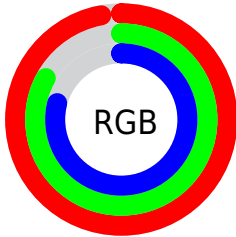
Format	Color
R _Y B	247, 214, 201
Decimal	16241609
CIE Lab	87.31, 10.96, 9.65
CIE LCh	87, 14.601, 41.361
Yxy	70.6471, 0.3473, 0.3397
Android (android.graphics.Color)	4294431689 (0xFFFF7D3C9)
YUV	220.6240, -9.6746, 23.1318
Hunter-Lab	84.0519, 6.2998, 12.9235

Details

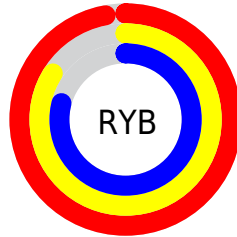
The RYB color **247, 214, 201** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **201, 221, 247**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is 255, 255, 255, and **190, 158, 147** is the 20% darker color. If you saturate the color by 10%, you get **247, 197, 176**, and if you desaturate by 10%, it is **247, 231, 226**.

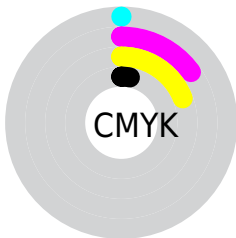
Distribution



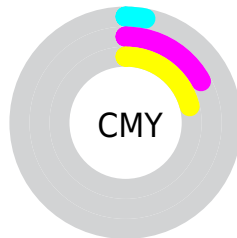
- Red (97%)
- Green (83%)
- Blue (79%)



- Red (97%)
- Yellow (84%)
- Blue (79%)



- Cyan (0%)
- Magenta (15%)
- Yellow (19%)
- Black (3%)



- Cyan (3%)
- Magenta (17%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 247, 214, 201 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, 214, 201 by changing the saturation by 10% instead.

 247, 214, 201

 247, 214, 201

255, 255, 255

 218, 185, 174


 190, 160, 147

 163, 132, 121

 136, 107, 97

 110, 83, 73

 85, 60, 50

 61, 38, 29

 39, 22, 4

 0, 0, 0

■ 247, 214, 201

■ 247, 214, 201

■ 247, 197, 176

■ 247, 231, 226

■ 247, 179, 152

■ 247, 249, 250

■ 247, 160, 127

■ 247, 251, 255

■ 247, 143, 102

■ 247, 126, 77

■ 247, 108, 53

■ 247, 89, 28

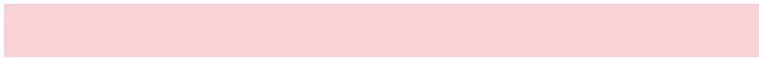
■ 247, 72, 3

■ 247, 69, 0

Harmonies

Analogous

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



248, 209, 214



247, 214, 201



238, 236, 193

Triad

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



247, 214, 201



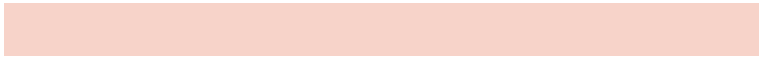
194, 216, 226



211, 217, 246

Complementary

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



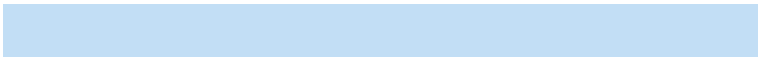
247, 214, 201



201, 221, 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.



194, 212, 245



247, 214, 201



185, 207, 227

Square

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



247, 214, 201



198, 224, 213



185, 208, 237



228, 214, 240

Rectangle

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



247, 214, 201



208, 230, 191



185, 208, 237



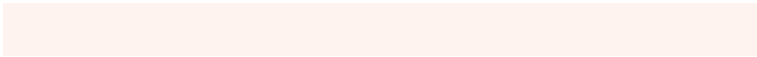
205, 216, 246

Sweetspot

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



247, 214, 201



255, 244, 240



247, 201, 237



128, 122, 119



0, 0, 0



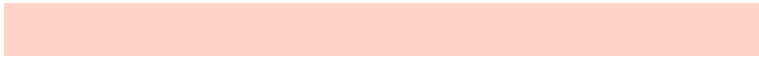
128, 128, 128

Same Dimension

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



247, 214, 201



255, 214, 199



219, 247, 201



122, 114, 110



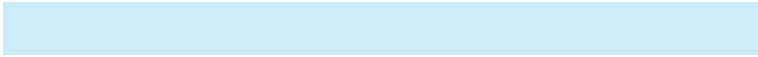
186, 53, 0



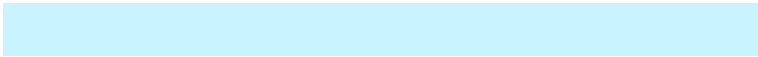
59, 17, 0

Inverse Universe

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



201, 221, 247



199, 224, 255



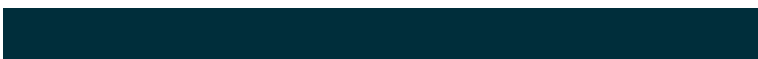
201, 211, 247



110, 115, 122



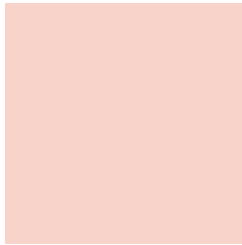
0, 81, 186



0, 26, 59

Previews

White Background



This preview shows how the RYB color 247, 214, 201 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, 214, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

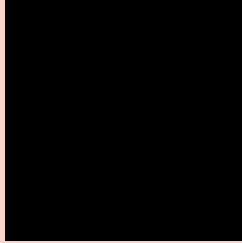
Any Text WCAG AA ✓ Pass

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, 214, 201 Background



This preview shows how black text looks on a background with the RYB color 247, 214, 201.




This preview shows how white text looks on a background with the RYB color 247, 214, 201.

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, 214, 201
	Protanopia 218, 226, 205
	Deuteranopia 247, 214, 201



Tritanopia
250, 208, 224

Trichromacy



Original Color

247, 214, 201

Protanomaly

234, 224, 204

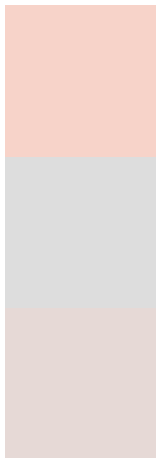
Deuteranomaly

247, 214, 201

Tritanomaly

249, 209, 216

Monochromacy



Original Color

247, 214, 201

Achromatopsia

221, 221, 221

Achromatomaly

230, 218, 214

CSS Examples

Text

The CSS property to change the color of the text to RYB 247, 214, 201 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, 211, 201) looks like.

```
.text, #text, p{  
    color:rgb(247, 211, 201)  
}
```

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, 211, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 211, 201) }
```

Border

The CSS property to change the border of an element to RYB 247, 214, 201 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, 211, 201) }
```

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

```
.border{ border-color:rgb(247, 211, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 211, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 211, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 211, 201);  
box-shadow:4px 4px 4px 4px rgb(247, 211,  
201) }
```

Background

The CSS property to change the background color of an element to RYB 247, 214, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 211, 201) }
```

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

```
.background{ background-color: rgb(247,  
211, 201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor