

Converting Colors

`RYB(247, 209, 201)`

Have a look what the booklet for
RYB(247, 209, 201) contains.

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Color

R_YB(247, 209, 201)

Conversions

Conversions Part 1

Format	Color
Hex	F7D0C9
RGB	247, 208, 201
RGB Percent	97%, 82%, 79%
CMY	0.0314, 0.1850, 0.2118
CMYK	0.00, 0.16, 0.19, 0.03
HSL	9°, 74%, 88%
HSV	9°, 19%, 97%
XYZ	71.4111, 69.0127, 64.8154
YIQ	218.8630, 25.4910, 6.0910

Conversions

Conversions Part 2

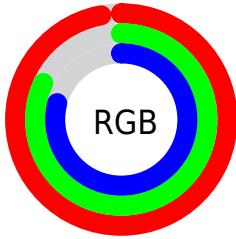
Format	Color
R_{YB}	247, 209, 201
Decimal	16240841
CIE _{Lab}	86.51, 12.69, 8.50
CIE _{LCh}	87, 15.275, 33.808
Y _{xy}	69.0127, 0.3479, 0.3363
Android (android.graphics.Color)	4294430921 (0xFFFF7D0C9)
Y _{UV}	218.8630, -8.8065, 24.6761
Hunter-Lab	83.0739, 8.0611, 11.8929

Details

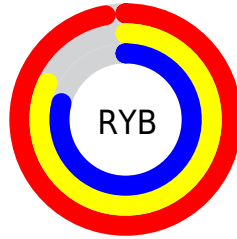
The RYB color **247, 209, 201** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **201, 222, 247**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **255, 255, 255**, and **190, 155, 147** is the 20% darker color. If you saturate the color by 10%, you get **247, 189, 176**, and if you desaturate by 10%, it is **247, 230, 226**.

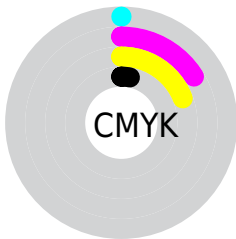
Distribution



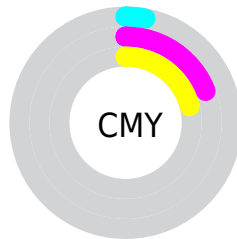
- Red (97%)
- Green (82%)
- Blue (79%)



- Red (97%)
- Yellow (82%)
- Blue (79%)



- Cyan (0%)
- Magenta (16%)
- Yellow (19%)
- Black (3%)



- Cyan (3%)
- Magenta (19%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 247, 209, 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, 209, 201 by changing the saturation by 10% instead.

■ 247, 209, 201

255, 255, 255

■ 247, 209, 201

■ 218, 181, 174

■ 190, 154, 147

■ 163, 128, 121

■ 136, 103, 97

■ 110, 79, 73

■ 85, 56, 50

■ 61, 35, 29

■ 39, 16, 4

■ 0, 0, 0

247, 209, 201

247, 209, 201

247, 189, 176

247, 230, 226

247, 168, 152

247, 249, 250

247, 148, 127

247, 251, 255

247, 128, 102

247, 108, 77

247, 87, 53

247, 67, 28

247, 45, 3

247, 44, 0

Harmonies

Analogous

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



246, 207, 215



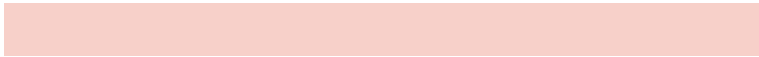
247, 209, 201



240, 225, 191

Triad

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



247, 209, 201



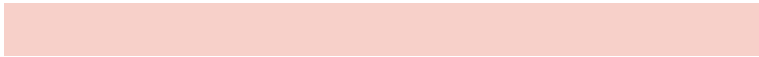
194, 217, 224



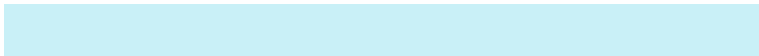
203, 214, 245

Complementary

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



247, 209, 201



201, 222, 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.



188, 208, 242



247, 209, 201



183, 206, 225

Square

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



247, 209, 201



192, 221, 203



180, 204, 232



222, 212, 241

Rectangle

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



247, 209, 201



216, 231, 188



180, 204, 232



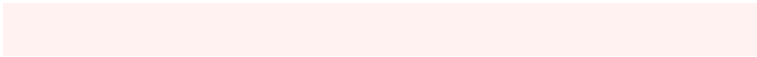
197, 212, 245

Sweetspot

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



247, 209, 201



255, 242, 240



247, 201, 241



128, 120, 119



0, 0, 0



128, 128, 128

Same Dimension

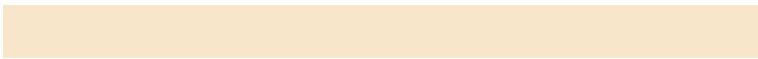
The Same Dimension uses a secret algorithm to generate beautiful new colors.



247, 209, 201



255, 208, 199



228, 247, 201



122, 112, 110



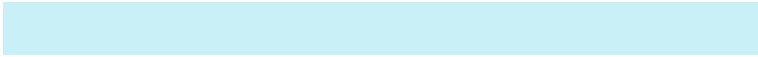
186, 33, 0



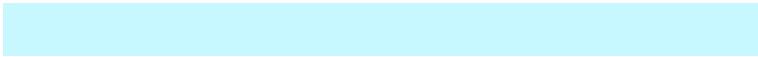
59, 11, 0

Inverse Universe

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



201, 222, 247



199, 225, 255



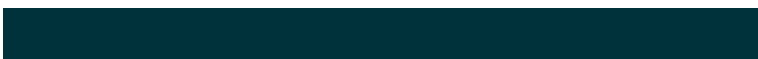
201, 213, 247



110, 116, 122



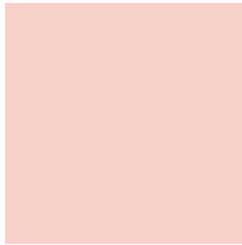
0, 86, 186



0, 27, 59

Previews

White Background



This preview shows how the RYB color 247, 209, 201 looks on a white background.

Color Contrast Check

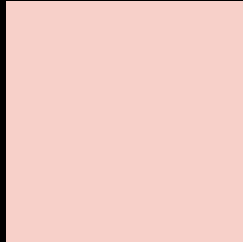
Large Text (above 18pt) WCAG AA × Fail

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, 209, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

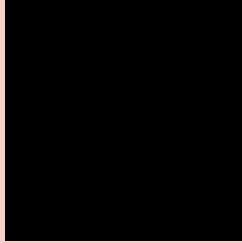
Any Text WCAG AA ✓ Pass

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](#).

RYB 247, 209, 201 Background



This preview shows how black text looks on a background with the RYB color 247, 209, 201.



This preview shows how white text looks on a background with the RYB color 247, 209, 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





Tritanopia
249, 205, 221

Trichromacy



Original Color

247, 209, 201

Protanomaly

232, 217, 204

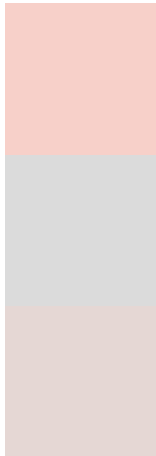
Deuteranomaly

245, 211, 201

Tritanomaly

248, 206, 214

Monochromacy



Original Color

247, 209, 201

Achromatopsia

219, 219, 219

Achromatomaly

229, 216, 212

CSS Examples

Text

The CSS property to change the color of the text to RYB 247, 209, 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, 208, 201)` looks like.

```
.text, #text, p{  
    color:rgb(247, 208, 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, 208, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 208, 201) }
```

Border

The CSS property to change the border of an element to RYB 247, 209, 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, 208, 201) }
```

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

```
.border{ border-color:rgb(247, 208, 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, 208, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 208, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 208, 201);  
box-shadow:4px 4px 4px 4px rgb(247, 208,  
201) }
```

Background

The CSS property to change the background color of an element to RYB 247, 209, 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, 208, 201) }
```

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

```
.background{ background-color: rgb(247,  
208, 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](#).

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