

Converting Colors

`RYB(247, 216, 205)`

Have a look what the booklet for
RYB(247, 216, 205) contains.

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Color

R_YB(247, 216, 205)

Conversions

Conversions Part 1

Format	Color
Hex	F7D6CD
RGB	247, 214, 205
RGB Percent	97%, 84%, 80%
CMY	0.0314, 0.1619, 0.1961
CMYK	0.00, 0.13, 0.17, 0.03
HSL	12°, 72%, 89%
HSV	12°, 17%, 97%
XYZ	73.3522, 72.1319, 67.8144
YIQ	222.8410, 22.5570, 4.1970

Conversions

Conversions Part 2

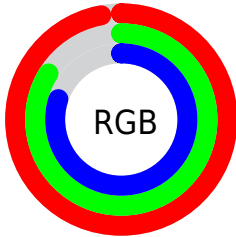
Format	Color
RYB	247, 216, 205
Decimal	16242381
CIELab	88.03, 10.22, 8.57
CIELCh	88, 13.332, 39.986
Yxy	72.1319, 0.3439, 0.3382
Android (android.graphics.Color)	4294432461 (0xFFFF7D6CD)
YUV	222.8410, -8.7956, 21.1874
Hunter-Lab	84.9305, 5.5373, 12.1101

Details

The RYB color **247, 216, 205** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **205, 223, 247**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **255, 255, 255**, and **190, 161, 151** is the 20% darker color. If you saturate the color by 10%, you get **247, 198, 180**, and if you desaturate by 10%, it is **247, 234, 230**.

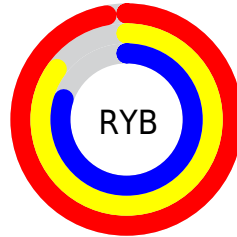
Distribution



Red (97%)

Green (84%)

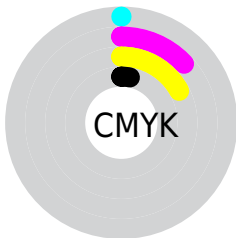
Blue (80%)



Red (97%)

Yellow (85%)

Blue (80%)

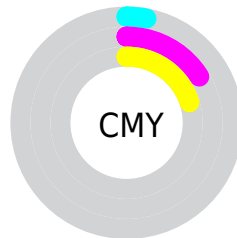


Cyan (0%)

Magenta (13%)

Yellow (17%)

Black (3%)



Cyan (3%)

Magenta (16%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the RYB color 247, 216, 205 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, 216, 205 by changing the saturation by 10% instead.

 247, 216, 205

255, 255, 255


 247, 216, 205

 218, 188, 178

 190, 161, 151

 163, 135, 125

 136, 110, 100

 111, 85, 76

 86, 62, 53

 62, 40, 32

 40, 22, 9

 5, 0, 0

■ 247, 216, 205

■ 247, 216, 205

■ 247, 198, 180

■ 247, 234, 230

■ 247, 180, 156

■ 247, 250, 254

■ 247, 161, 131

■ 247, 251, 255

■ 247, 143, 106

■ 247, 125, 82

■ 247, 106, 57

■ 247, 89, 32

■ 247, 70, 7

■ 247, 64, 0

Harmonies

Analogous

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



248, 212, 217



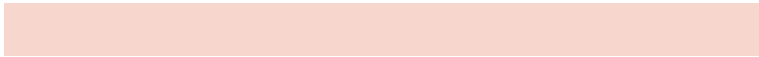
247, 216, 205



239, 235, 197

Triad

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



247, 216, 205



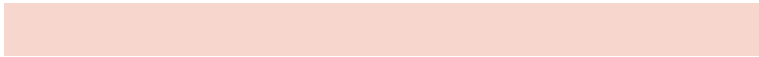
199, 219, 228



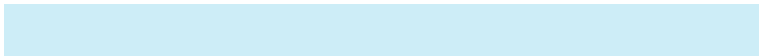
213, 219, 246

Complementary

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



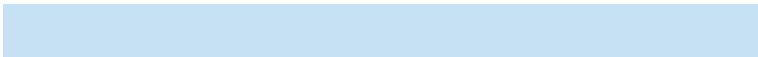
247, 216, 205



205, 223, 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.



198, 215, 244



247, 216, 205



190, 210, 228

Square

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



247, 216, 205



201, 225, 214



190, 211, 237



229, 216, 240

Rectangle

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



247, 216, 205



212, 231, 196



190, 211, 237



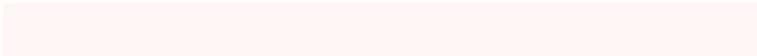
207, 218, 246

Sweetspot

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



247, 216, 205



255, 246, 242



247, 205, 239



128, 121, 120



0, 0, 0



128, 128, 128

Same Dimension

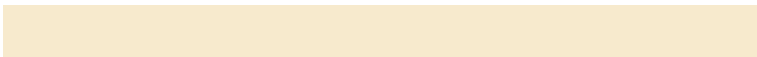
The Same Dimension uses a secret algorithm to generate beautiful new colors.



247, 216, 205



255, 218, 204



224, 247, 205



122, 114, 110



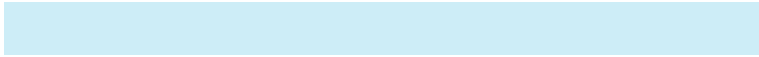
186, 49, 0



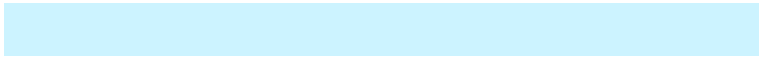
59, 15, 0

Inverse Universe

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



205, 223, 247



204, 226, 255



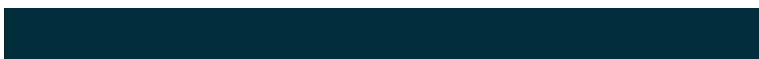
205, 215, 247



110, 115, 122



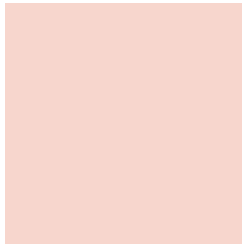
0, 82, 186



0, 26, 59

Previews

White Background



This preview shows how the RYB color 247, 216, 205 looks on a white background.

Color Contrast Check

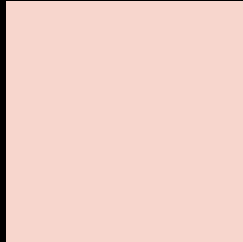
Large Text (above 18pt) WCAG AA × Fail

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, 216, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

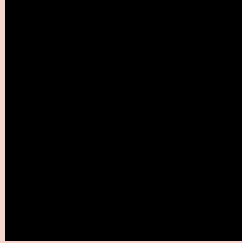
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

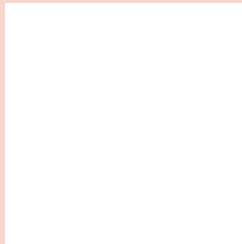
Any Text WCAG AAA ✓ Pass

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

RYB 247, 216, 205 Background



This preview shows how black text looks on a background with the RYB color 247, 216, 205.

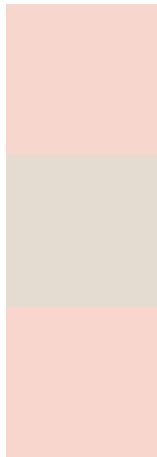


This preview shows how white text looks on a background with the RYB color 247, 216, 205.

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, 216, 205

Protanopia
221, 228, 208

Deuteranopia
248, 215, 205



Tritanopia
250, 210, 227

Trichromacy



Original Color

247, 216, 205

Protanomaly

235, 225, 207

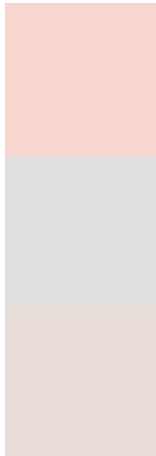
Deuteranomaly

248, 215, 205

Tritanomaly

249, 211, 219

Monochromacy



Original Color

247, 216, 205

Achromatopsia

223, 223, 223

Achromatomaly

232, 221, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 247, 216, 205 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, 214, 205) looks like.

```
.text, #text, p{  
    color:rgb(247, 214, 205)  
}
```

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, 214, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 214, 205) }
```

Border

The CSS property to change the border of an element to RYB 247, 216, 205 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, 214, 205) }
```

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

```
.border{ border-color:rgb(247, 214, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 214, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 214, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 214, 205);  
box-shadow:4px 4px 4px 4px rgb(247, 214,  
205) }
```

Background

The CSS property to change the background color of an element to RYB 247, 216, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 214, 205) }
```

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

```
.background{ background-color: rgb(247,  
214, 205) }
```

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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