

Converting Colors

`RYB(249, 212, 195)`

Have a look what the booklet for
RYB(249, 212, 195) contains.

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Color

RYB(249, 212, 195)

Conversions

Conversions Part 1

Format	Color
Hex	F9D0C3
RGB	249, 208, 195
RGB Percent	98%, 82%, 76%
CMY	0.0235, 0.1846, 0.2353
CMYK	0.00, 0.16, 0.22, 0.02
HSL	14°, 82%, 87%
HSV	14°, 22%, 98%
XYZ	71.4560, 69.1573, 61.2123
YIQ	218.7770, 28.6090, 4.6490

Conversions

Conversions Part 2

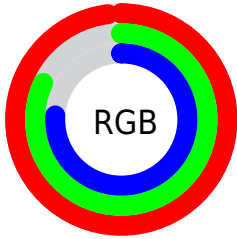
Format	Color
R _Y B	249, 212, 195
Decimal	16371907
CIE Lab	86.58, 12.48, 11.80
CIE LCh	87, 17.175, 43.397
Yxy	69.1573, 0.3540, 0.3427
Android (android.graphics.Color)	4294561987 (0xFFFF9D0C3)
YUV	218.7770, -11.7221, 26.5056
Hunter-Lab	83.1609, 7.8446, 14.5709

Details

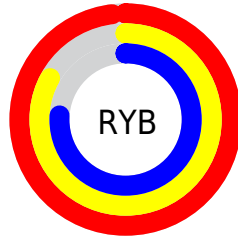
The RYB color **249, 212, 195** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **195, 218, 249**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is 252, 255, 252, and **192, 158, 141** is the 20% darker color. If you saturate the color by 10%, you get **249, 195, 170**, and if you desaturate by 10%, it is **249, 229, 220**.

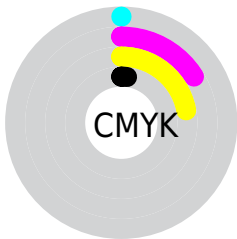
Distribution



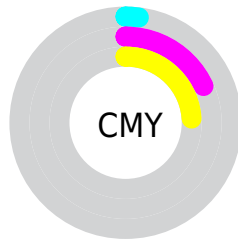
- Red (98%)
- Green (82%)
- Blue (76%)



- Red (98%)
- Yellow (83%)
- Blue (76%)



- Cyan (0%)
- Magenta (16%)
- Yellow (22%)
- Black (2%)



- Cyan (2%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 249, 212, 195 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 249, 212, 195 by changing the saturation by 10% instead.


 249, 212, 195

255, 255, 255

252, 255, 252


 249, 212, 195


 220, 184, 168

 192, 158, 141

 164, 132, 116

 138, 105, 91

 111, 81, 68

 86, 58, 45

 62, 37, 25

 40, 19, 0

 0, 0, 0

249, 212, 195

249, 212, 195

249, 195, 170

249, 229, 220

249, 178, 145

249, 246, 245

249, 161, 120

249, 252, 255

249, 144, 95

249, 127, 70

249, 109, 46

249, 92, 21

249, 79, 0

Harmonies

Analogous

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



251, 206, 210



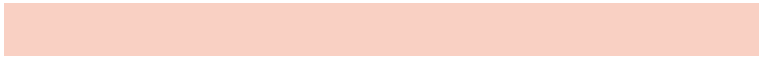
249, 212, 195



234, 238, 186

Triad

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



249, 212, 195



186, 212, 226



208, 215, 248

Complementary

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



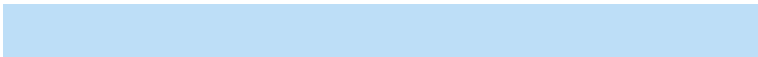
249, 212, 195



195, 218, 249

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.



189, 210, 247



249, 212, 195



176, 202, 226

Square

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



249, 212, 195



193, 223, 213



176, 203, 238



229, 210, 240

Rectangle

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



249, 212, 195



201, 228, 184



176, 203, 238



201, 213, 249

Sweetspot

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



249, 212, 195



255, 242, 237



249, 195, 236



128, 121, 117



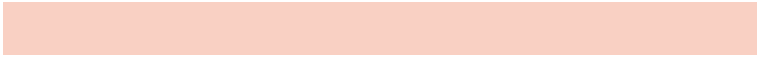
0, 0, 0



128, 128, 128

Same Dimension

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



249, 212, 195



255, 210, 189



214, 249, 195



125, 116, 112



189, 59, 0



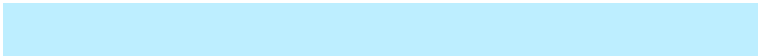
61, 20, 0

Inverse Universe

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



195, 218, 249



189, 217, 255



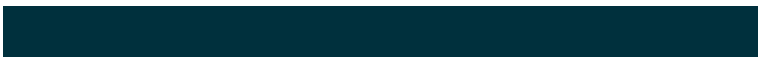
195, 206, 249



112, 118, 125



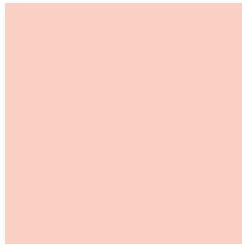
0, 82, 189



0, 27, 61

Previews

White Background



This preview shows how the RYB color 249, 212, 195 looks on a white background.

Color Contrast Check

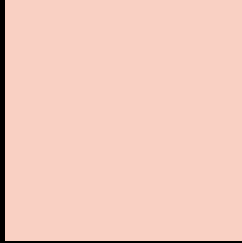
Large Text (above 18pt) WCAG AA × Fail

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 249, 212, 195 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 249, 212, 195 Background



This preview shows how black text looks on a background with the RYB color 249, 212, 195.



This preview shows how white text looks on a background with the RYB color 249, 212, 195.

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
249, 212, 195

Protanopia
213, 225, 199

Deuteranopia
246, 214, 195



Tritanopia
252, 204, 220

Trichromacy



Original Color

249, 212, 195

Protanomaly

234, 224, 198

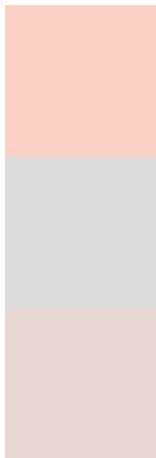
Deuteranomaly

247, 214, 195

Tritanomaly

251, 205, 211

Monochromacy



Original Color

249, 212, 195

Achromatopsia

219, 219, 219

Achromatomaly

230, 217, 210

CSS Examples

Text

The CSS property to change the color of the text to RYB 249, 212, 195 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(249, 208, 195) looks like.

```
.text, #text, p{  
    color:rgb(249, 208, 195)  
}
```

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(249, 208, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 208, 195) }
```

Border

The CSS property to change the border of an element to RYB 249, 212, 195 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(249, 208, 195) }
```

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

```
.border{ border-color:rgb(249, 208, 195) }
```

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

Here you see how a box with a 4 pixel rgb(249, 208, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 208, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 208, 195);  
box-shadow:4px 4px 4px 4px rgb(249, 208,  
195) }
```

Background

The CSS property to change the background color of an element to RYB 249, 212, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 208, 195) }
```

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

```
.background{ background-color: rgb(249,  
208, 195) }
```

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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