

Converting Colors

`RYB(249, 216, 155)`

Have a look what the booklet for
RYB(249, 216, 155) contains.

RYB(249, 216, 155)	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(249, 216, 155)

Conversions

Conversions Part 1

Format	Color
Hex	F9C09B
RGB	249, 192, 155
RGB Percent	98%, 75%, 61%
CMY	0.0235, 0.2471, 0.3922
CMYK	0.00, 0.23, 0.38, 0.02
HSL	24°, 89%, 79%
HSV	24°, 38%, 98%
XYZ	63.8315, 60.2027, 39.2663
YIQ	204.8250, 45.8490, 0.5770

Conversions

Conversions Part 2

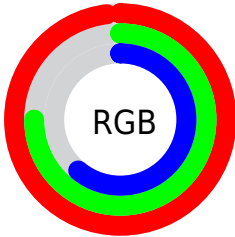
Format	Color
R _Y B	249, 216, 155
Decimal	16367771
CIE Lab	81.95, 15.67, 26.52
CIE LCh	82, 30.801, 59.421
Yxy	60.2027, 0.3909, 0.3687
Android (android.graphics.Color)	4294557851 (0xFFF9C09B)
YUV	204.8250, -24.5637, 38.7415
Hunter-Lab	77.5904, 11.0639, 24.3083

Details

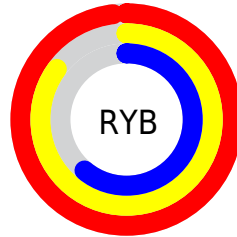
The RYB color **249, 216, 155** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **155, 190, 249**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **218, 255, 210**, and **191, 160, 104** is the 20% darker color. If you saturate the color by 10%, you get **249, 208, 130**, and if you desaturate by 10%, it is **249, 224, 180**.

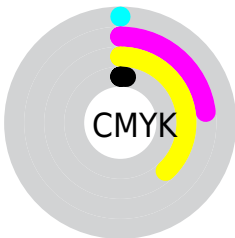
Distribution



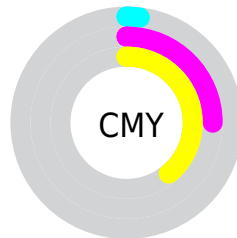
- Red (98%)
- Green (75%)
- Blue (61%)



- Red (98%)
- Yellow (85%)
- Blue (61%)



- Cyan (0%)
- Magenta (23%)
- Yellow (38%)
- Black (2%)



- Cyan (2%)
- Magenta (25%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 249, 216, 155 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, 216, 155 by changing the saturation by 10% instead.


 249, 216, 155


255, 255, 255


 218, 255, 210

 238, 255, 238

 249, 216, 155

 220, 189, 129

 191, 160, 104

 163, 136, 79

 135, 110, 56

 108, 87, 34

 82, 65, 12

 57, 33, 0

 34, 0, 0

 0, 0, 0

■ 249, 216, 155

■ 249, 216, 155

■ 249, 208, 130

■ 249, 224, 180

■ 249, 199, 105

■ 249, 233, 205

■ 249, 191, 80

■ 249, 241, 230

■ 249, 183, 55

■ 249, 251, 255

■ 249, 172, 30

■ 249, 252, 255

■ 249, 162, 6

■ 249, 162, 0

Harmonies

Analogous

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



255, 186, 177



249, 216, 155



178, 225, 146

Triad

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



249, 216, 155



131, 181, 220



207, 197, 254

Complementary

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



249, 216, 155



155, 190, 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.



167, 195, 255



249, 216, 155



116, 170, 231

Square

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



249, 216, 155



161, 206, 217



130, 180, 253



240, 187, 234

Rectangle

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



249, 216, 155



149, 208, 152



130, 180, 253



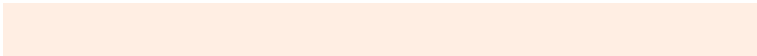
194, 199, 255

Sweetspot

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



249, 216, 155



255, 245, 227



249, 155, 213



128, 120, 111



0, 0, 0



128, 128, 128

Same Dimension

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



249, 216, 155



255, 214, 140



167, 249, 155



125, 120, 112



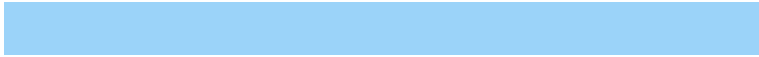
189, 122, 0



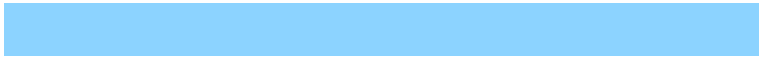
61, 40, 0

Inverse Universe

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



155, 190, 249



140, 184, 255



155, 165, 249



112, 117, 125



0, 71, 189



0, 23, 61

Previews

White Background



This preview shows how the RYB color 249, 216, 155 looks on a white background.

Color Contrast Check

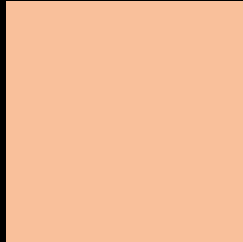
Large Text (above 18pt) WCAG AA × Fail

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, 216, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

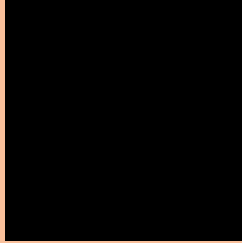
Any Text WCAG AA ✓ Pass

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, 216, 155 Background



This preview shows how black text looks on a background with the RYB color 249, 216, 155.

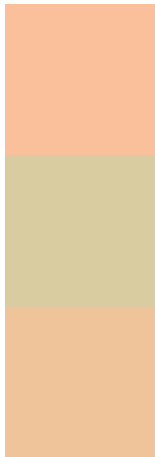


This preview shows how white text looks on a background with the RYB color 249, 216, 155.

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, 216, 155

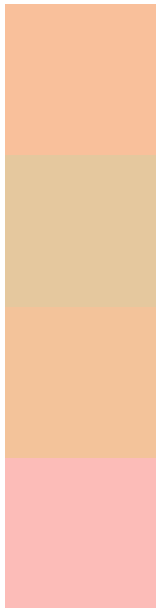
Protanopia
177, 217, 160

Deuteranopia
240, 236, 154



Tritanopia
253, 186, 200

Trichromacy



Original Color

249, 216, 155

Protanomaly

207, 229, 158

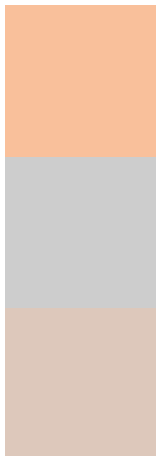
Deuteranomaly

243, 230, 154

Tritanomaly

252, 188, 184

Monochromacy



Original Color

249, 216, 155

Achromatopsia

205, 205, 205

Achromatomaly

221, 208, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 249, 216, 155 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, 192, 155) looks like.

```
.text, #text, p{  
    color:rgb(249, 192, 155)  
}
```

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, 192, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 192, 155) }
```

Border

The CSS property to change the border of an element to RYB 249, 216, 155 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, 192, 155) }
```

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

```
.border{ border-color:rgb(249, 192, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 192, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 192, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 192, 155);  
box-shadow:4px 4px 4px 4px rgb(249, 192,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 249, 216, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 192, 155) }
```

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

```
.background{ background-color: rgb(249,  
192, 155) }
```

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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