

Converting Colors

`RYB(248, 196, 149)`

Have a look what the booklet for
RYB(248, 196, 149) contains.

RYB(248, 196, 149)	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(248, 196, 149)

Conversions

Conversions Part 1

Format	Color
Hex	F8B595
RGB	248, 181, 149
RGB Percent	97%, 71%, 58%
CMY	0.0275, 0.2907, 0.4157
CMYK	0.00, 0.27, 0.40, 0.03
HSL	19°, 88%, 78%
HSV	19°, 40%, 97%
XYZ	60.6336, 55.1212, 35.8775
YIQ	197.3850, 50.2040, 4.2520

Conversions

Conversions Part 2

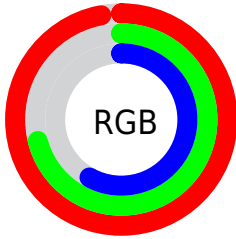
Format	Color
R _Y B	248, 196, 149
Decimal	16299413
CIE Lab	79.11, 20.46, 25.85
CIE LCh	79, 32.964, 51.632
Yxy	55.1212, 0.3999, 0.3635
Android (android.graphics.Color)	4294489493 (0xFFFF8B595)
YUV	197.3850, -23.8538, 44.3894
Hunter-Lab	74.2437, 15.8517, 23.3193

Details

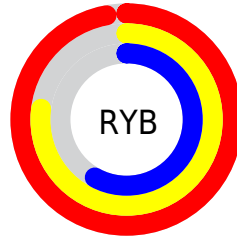
The RYB color **248, 196, 149** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **149, 189, 248**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **231, 255, 203**, and **190, 143, 98** is the 20% darker color. If you saturate the color by 10%, you get **248, 183, 124**, and if you desaturate by 10%, it is **248, 210, 174**.

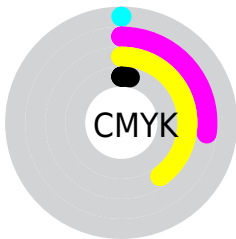
Distribution



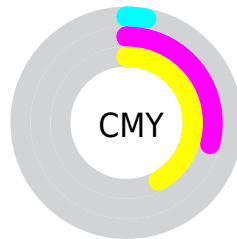
- Red (97%)
- Green (71%)
- Blue (58%)



- Red (97%)
- Yellow (77%)
- Blue (58%)



- Cyan (0%)
- Magenta (27%)
- Yellow (40%)
- Black (3%)




- Cyan (3%)
- Magenta (29%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 248, 196, 149 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 248, 196, 149 by changing the saturation by 10% instead.

 248, 196, 149

 248, 196, 149


255, 255, 255

 218, 169, 123

 231, 255, 203

 190, 143, 98

 231, 255, 231

 161, 115, 74

 133, 91, 51

 106, 68, 29

 80, 49, 6

 54, 14, 0

 30, 0, 1


 0, 0, 0

 248, 196, 149


 248, 196, 149

 248, 183, 124


 248, 210, 174

 248, 170, 99


 248, 223, 199

 248, 156, 75

 248, 235, 223

 248, 145, 50

 248, 248, 248

 248, 131, 25

 248, 252, 255

 248, 118, 0

Harmonies

Analogous

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



255, 174, 175



248, 196, 149



192, 226, 135

Triad

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



248, 196, 149



124, 176, 212



188, 191, 253

Complementary

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



248, 196, 149



149, 189, 248

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.



143, 181, 255



248, 196, 149



100, 157, 217

Square

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



248, 196, 149



157, 208, 206



106, 165, 243



227, 181, 234

Rectangle

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



248, 196, 149



144, 206, 135



106, 165, 243



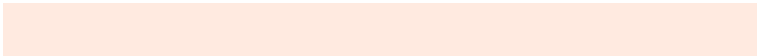
174, 191, 255

Sweetspot

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



248, 196, 149



255, 239, 224



248, 149, 217



128, 117, 110



0, 0, 0



128, 128, 128

Same Dimension

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



248, 196, 149



255, 190, 133



171, 248, 149



125, 118, 112



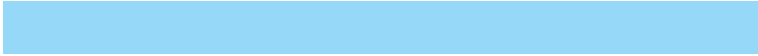
189, 90, 0



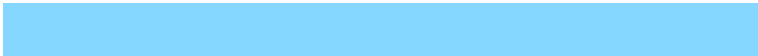
61, 30, 0

Inverse Universe

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



149, 189, 248



133, 182, 255



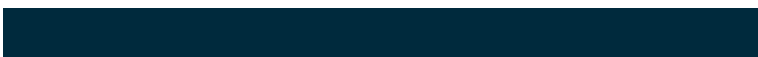
149, 164, 248



112, 117, 125



0, 76, 189



0, 25, 61

Previews

White Background



This preview shows how the RYB color 248, 196, 149 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 248, 196, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

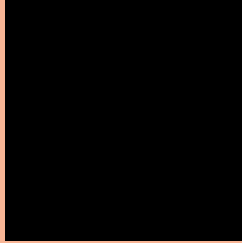
Any Text WCAG AA ✓ Pass

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 248, 196, 149 Background



This preview shows how black text looks on a background with the RYB color 248, 196, 149.

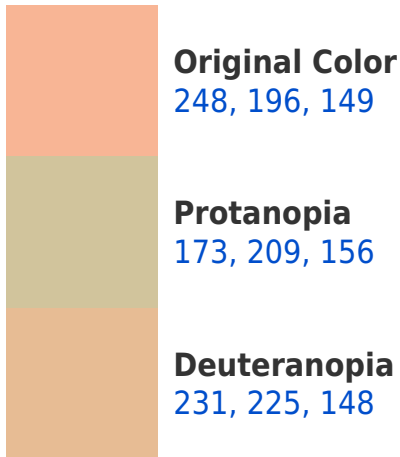



This preview shows how white text looks on a background with the RYB color 248, 196, 149.

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](#).

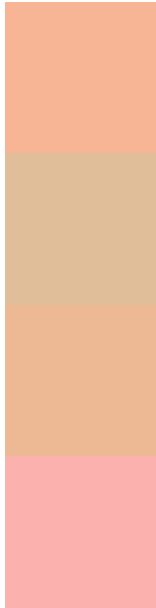
Dichromacy





Tritanopia
252, 175, 189

Trichromacy



Original Color

248, 196, 149

Protanomaly

215, 223, 153

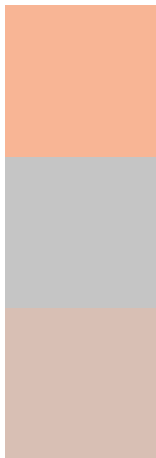
Deuteranomaly

237, 211, 148

Tritanomaly

251, 177, 174

Monochromacy



Original Color

248, 196, 149

Achromatopsia

197, 197, 197

Achromatomaly

216, 196, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 248, 196, 149 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(248, 181, 149) looks like.

```
.text, #text, p{  
    color:rgb(248, 181, 149)  
}
```

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(248, 181, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 181, 149) }
```

Border

The CSS property to change the border of an element to RYB 248, 196, 149 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(248, 181, 149) }
```

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

```
.border{ border-color:rgb(248, 181, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 181, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 181, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 181, 149);  
box-shadow:4px 4px 4px 4px rgb(248, 181,  
149) }
```

Background

The CSS property to change the background color of an element to RYB 248, 196, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 181, 149) }
```

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

```
.background{ background-color: rgb(248,  
181, 149) }
```

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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