

Converting Colors

`RYB(248, 226, 165)`

Have a look what the booklet for
RYB(248, 226, 165) contains.

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Color

R_YB(248, 226, 165)

Conversions

Conversions Part 1

Format	Color
Hex	F8C8A5
RGB	248, 200, 165
RGB Percent	97%, 78%, 65%
CMY	0.0275, 0.2151, 0.3529
CMYK	0.00, 0.19, 0.33, 0.03
HSL	25°, 86%, 81%
HSV	25°, 33%, 97%
XYZ	66.1942, 64.0556, 44.4725
YIQ	210.3620, 39.8430, -0.7090

Conversions

Conversions Part 2

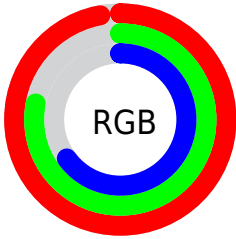
Format	Color
RYB	248, 226, 165
Decimal	16304293
CIELab	83.99, 12.19, 24.01
CIElCh	84, 26.929, 63.095
Yxy	64.0556, 0.3789, 0.3666
Android (android.graphics.Color)	4294494373 (0xFFFF8C8A5)
YUV	210.3620, -22.3635, 33.0085
Hunter-Lab	80.0348, 7.5708, 23.0790

Details

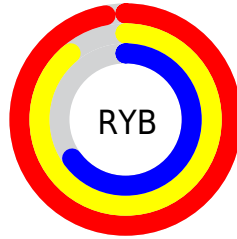
The RYB color **248, 226, 165** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **165, 195, 248**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **220, 255, 220**, and **190, 171, 113** is the 20% darker color. If you saturate the color by 10%, you get **248, 220, 140**, and if you desaturate by 10%, it is **248, 231, 190**.

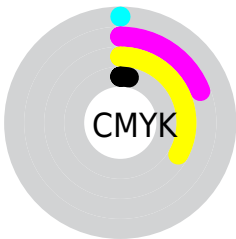
Distribution



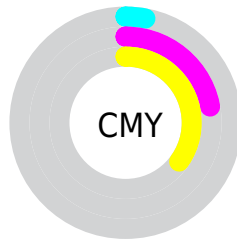
- Red (97%)
- Green (78%)
- Blue (65%)



- Red (97%)
- Yellow (89%)
- Blue (65%)



- Cyan (0%)
- Magenta (19%)
- Yellow (33%)
- Black (3%)



- Cyan (3%)
- Magenta (22%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 248, 226, 165 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, 226, 165 by changing the saturation by 10% instead.

 248, 226, 165


255, 255, 255


 220, 255, 220


 249, 255, 249

 248, 226, 165


 219, 198, 139

 190, 171, 113

 162, 144, 88

 135, 121, 65

 109, 96, 42

 83, 72, 21

 59, 53, 0

 35, 5, 0

 0, 0, 0

 248, 226, 165


 248, 226, 165

 248, 220, 140


 248, 231, 190

 248, 215, 115


 248, 239, 215


 248, 205, 91

 248, 246, 239

 248, 199, 66

 248, 252, 255

 248, 194, 41

 248, 186, 16

 248, 182, 0

Harmonies

Analogous

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



255, 195, 183



248, 226, 165



182, 226, 159

Triad

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



248, 226, 165



145, 188, 224



217, 202, 252

Complementary

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



248, 226, 165



165, 195, 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.



183, 203, 255



248, 226, 165



137, 183, 236

Square

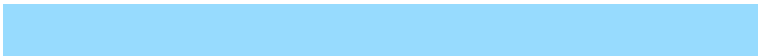
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



248, 226, 165



169, 209, 222



151, 192, 254



245, 195, 233

Rectangle

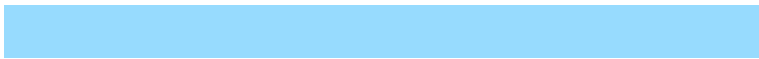
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



248, 226, 165



162, 214, 168



151, 192, 254



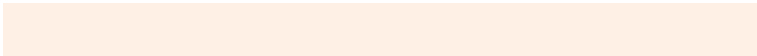
206, 205, 255

Sweetspot

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



248, 226, 165



255, 247, 230



248, 165, 213



128, 124, 112



0, 0, 0



128, 128, 128

Same Dimension

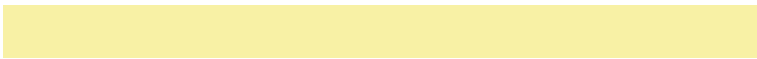
The Same Dimension uses a secret algorithm to generate beautiful new colors.



248, 226, 165



255, 227, 153



173, 248, 165



125, 123, 112



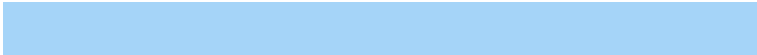
189, 139, 0



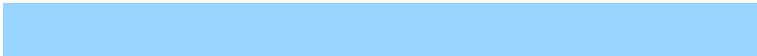
61, 45, 0

Inverse Universe

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



165, 195, 248



153, 190, 255



165, 171, 248



112, 117, 125



0, 69, 189



0, 22, 61

Previews

White Background



This preview shows how the RYB color 248, 226, 165 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, 226, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

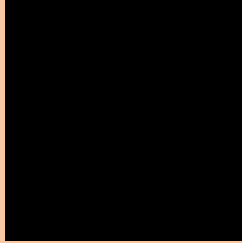
Any Text WCAG AA ✓ Pass

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](#).

R Y B 248, 226, 165 Background



This preview shows how black text looks on a background with the RYB color 248, 226, 165.



This preview shows how white text looks on a background with the RYB color 248, 226, 165.

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
248, 226, 165

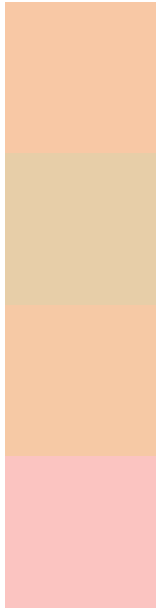
Protanopia
186, 222, 169

Deuteranopia
245, 230, 165



Tritanopia
253, 194, 209

Trichromacy



Original Color

248, 226, 165

Protanomaly

209, 231, 168

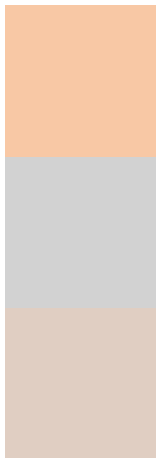
Deuteranomaly

246, 230, 165

Tritanomaly

251, 196, 193

Monochromacy



Original Color

248, 226, 165

Achromatopsia

210, 210, 210

Achromatomaly

224, 214, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 248, 226, 165 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, 200, 165) looks like.

```
.text, #text, p{  
    color:rgb(248, 200, 165)  
}
```

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, 200, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 200, 165) }
```

Border

The CSS property to change the border of an element to RYB 248, 226, 165 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, 200, 165) }
```

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

```
.border{ border-color:rgb(248, 200, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 200, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 200, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 200, 165);  
box-shadow:4px 4px 4px 4px rgb(248, 200,  
165) }
```

Background

The CSS property to change the background color of an element to RYB 248, 226, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 200, 165) }
```

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

```
.background{ background-color: rgb(248,  
200, 165) }
```

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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