

Converting Colors

`RYB(248, 226, 175)`

Have a look what the booklet for
RYB(248, 226, 175) contains.

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Color

R_YB(248, 226, 175)

Conversions

Conversions Part 1

Format	Color
Hex	F8CDAF
RGB	248, 205, 175
RGB Percent	97%, 80%, 69%
CMY	0.0275, 0.1960, 0.3137
CMYK	0.00, 0.17, 0.29, 0.03
HSL	25°, 84%, 83%
HSV	25°, 29%, 97%
XYZ	68.2864, 66.7258, 49.8377
YIQ	214.4370, 35.2580, -0.2140

Conversions

Conversions Part 2

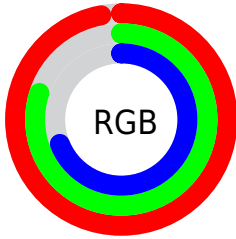
Format	Color
R_{YB}	248, 226, 175
Decimal	16305583
CIE Lab	85.37, 10.90, 20.63
CIE LCh	85, 23.336, 62.158
Yxy	66.7258, 0.3694, 0.3610
Android (android.graphics.Color)	4294495663 (0xFFF8CDAF)
YUV	214.4370, -19.4424, 29.4348
Hunter-Lab	81.6859, 6.2691, 21.0064

Details

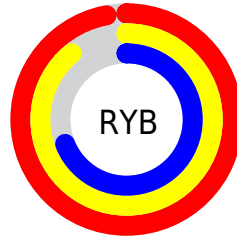
The RYB color **248, 226, 175** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **175, 202, 248**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **231, 255, 231**, and **191, 172, 122** is the 20% darker color. If you saturate the color by 10%, you get **248, 218, 150**, and if you desaturate by 10%, it is **248, 234, 200**.

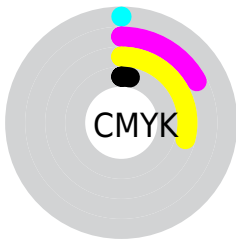
Distribution



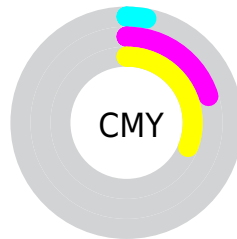
- Red (97%)
- Green (80%)
- Blue (69%)



- Red (97%)
- Yellow (89%)
- Blue (69%)



- Cyan (0%)
- Magenta (17%)
- Yellow (29%)
- Black (3%)



- Cyan (3%)
- Magenta (20%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 248, 226, 175 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, 175 by changing the saturation by 10% instead.


 248, 226, 175


255, 255, 255

 231, 255, 231

 248, 226, 175

 219, 200, 148

 191, 172, 122

 163, 146, 97

 136, 120, 73

 109, 95, 51

 84, 72, 29

 59, 59, 5

 36, 14, 0

 0, 0, 0

248, 226, 175

248, 226, 175

248, 218, 150

248, 234, 200

248, 212, 125

248, 240, 225

248, 202, 101

248, 249, 249

248, 197, 76

248, 252, 255

248, 189, 51

248, 180, 26

248, 175, 1

248, 173, 0

Harmonies

Analogous

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



255, 200, 191



248, 226, 175



193, 229, 169

Triad

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



248, 226, 175



160, 196, 226



219, 207, 251

Complementary

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



248, 226, 175



175, 202, 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.



190, 208, 255



248, 226, 175



153, 192, 236

Square

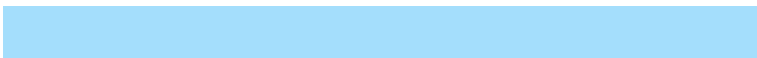
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



248, 226, 175



179, 214, 224



164, 199, 252



243, 201, 234

Rectangle

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



248, 226, 175



172, 217, 176



164, 199, 252



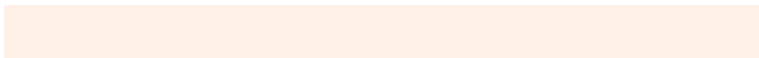
210, 210, 254

Sweetspot

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



248, 226, 175



255, 247, 232



248, 175, 219



128, 123, 113



0, 0, 0



128, 128, 128

Same Dimension

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



248, 226, 175



255, 226, 166



183, 248, 175



125, 123, 112



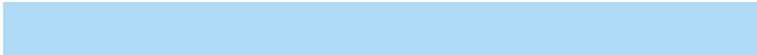
189, 133, 0



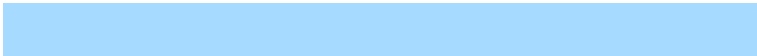
61, 42, 0

Inverse Universe

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



175, 202, 248



166, 199, 255



175, 181, 248



112, 117, 125



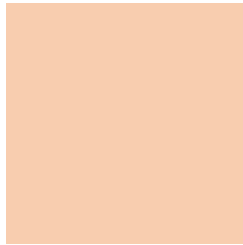
0, 70, 189



0, 23, 61

Previews

White Background



This preview shows how the RYB color 248, 226, 175 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, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

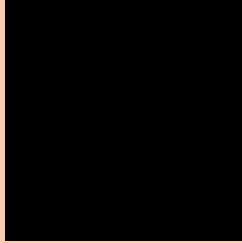
Any Text WCAG AA ✓ Pass

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, 226, 175 Background



This preview shows how black text looks on a background with the RYB color 248, 226, 175.



This preview shows how white text looks on a background with the RYB color 248, 226, 175.

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, 175

Protanopia
195, 225, 179

Deuteranopia
248, 226, 175



Tritanopia
252, 199, 215

Trichromacy



Original Color

248, 226, 175

Protanomaly

218, 233, 178

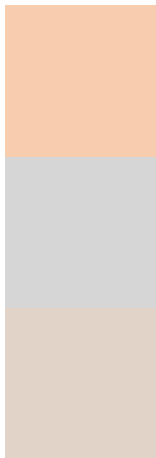
Deuteranomaly

248, 226, 175

Tritanomaly

251, 201, 200

Monochromacy



Original Color

248, 226, 175

Achromatopsia

214, 214, 214

Achromatomaly

226, 219, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 248, 226, 175 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, 205, 175) looks like.

```
.text, #text, p{  
    color:rgb(248, 205, 175)  
}
```

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, 205, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 205, 175) }
```

Border

The CSS property to change the border of an element to RYB 248, 226, 175 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, 205, 175) }
```

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

```
.border{ border-color:rgb(248, 205, 175) }
```

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

Here you see how a box with a 4 pixel rgb(248, 205, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 205, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 205, 175);  
box-shadow:4px 4px 4px 4px rgb(248, 205,  
175) }
```

Background

The CSS property to change the background color of an element to RGB 248, 205, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 205, 175) }
```

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

```
.background{ background-color: rgb(248,  
205, 175) }
```

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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