

Converting Colors

`RYB(251, 242, 186)`

Have a look what the booklet for
RYB(251, 242, 186) contains.

RYB(251, 242, 186)	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(251, 242, 186)

Conversions

Conversions Part 1

Format	Color
Hex	FBD8BA
RGB	251, 216, 186
RGB Percent	98%, 85%, 73%
CMY	0.0157, 0.1526, 0.2706
CMYK	0.00, 0.14, 0.26, 0.02
HSL	28°, 89%, 86%
HSV	28°, 26%, 98%
XYZ	73.2236, 73.2085, 56.7257
YIQ	223.0450, 30.4900, -1.9100

Conversions

Conversions Part 2

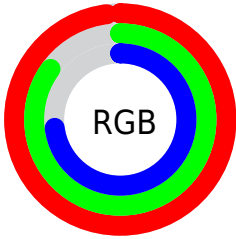
Format	Color
RYB	251, 242, 186
Decimal	16505018
CIELab	88.55, 7.73, 19.32
CIELCh	89, 20.811, 68.205
Yxy	73.2085, 0.3604, 0.3604
Android (android.graphics.Color)	4294695098 (0xFFFBDBA)
YUV	223.0450, -18.2632, 24.5165
Hunter-Lab	85.5620, 3.0263, 20.5854

Details

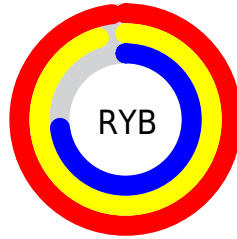
The RYB color **251, 242, 186** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **186, 209, 251**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **242, 255, 242**, and **194, 185, 133** is the 20% darker color. If you saturate the color by 10%, you get **251, 240, 161**, and if you desaturate by 10%, it is **251, 247, 211**.

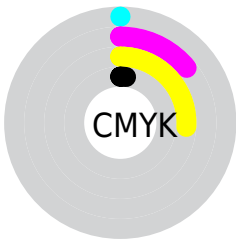
Distribution



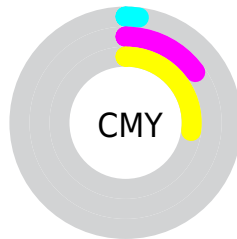
- Red (98%)
- Green (85%)
- Blue (73%)



- Red (98%)
- Yellow (95%)
- Blue (73%)



- Cyan (0%)
- Magenta (14%)
- Yellow (26%)
- Black (2%)



- Cyan (2%)
- Magenta (15%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 251, 242, 186 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 251, 242, 186 by changing the saturation by 10% instead.

 251, 242, 186

255, 255, 255


 242, 255, 242


 251, 242, 186

 222, 213, 159

 194, 185, 133

 166, 160, 107

 139, 135, 83

 113, 107, 60

 87, 85, 38

 63, 63, 17

 40, 40, 0

 4, 0, 0

251, 242, 186

251, 242, 186

251, 240, 161

251, 247, 211

251, 234, 136

251, 249, 236

251, 232, 111

251, 253, 255

251, 227, 86

251, 225, 61

251, 221, 35

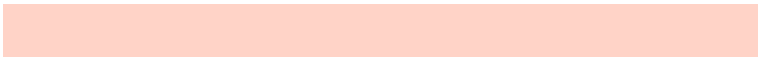
251, 219, 10

251, 216, 0

Harmonies

Analogous

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



255, 214, 199



251, 242, 186



194, 232, 183

Triad

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



251, 242, 186



173, 205, 234



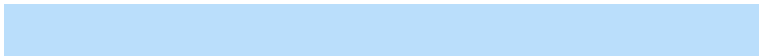
233, 215, 253

Complementary

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



251, 242, 186



186, 209, 251

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.



207, 218, 255



251, 242, 186



170, 204, 246

Square

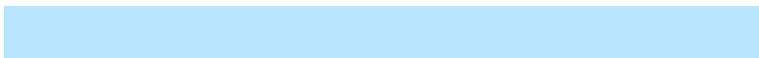
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



251, 242, 186



188, 220, 233



183, 211, 255



253, 210, 237

Rectangle

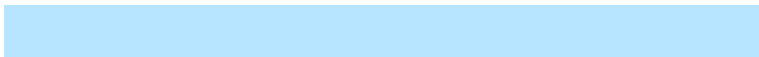
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



251, 242, 186



187, 227, 197



183, 211, 255



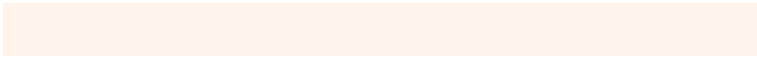
224, 218, 255

Sweetspot

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



251, 242, 186



255, 251, 235



251, 186, 222



128, 126, 115



0, 0, 0



128, 128, 128

Same Dimension

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



251, 242, 186



255, 246, 176



189, 251, 186



125, 123, 112



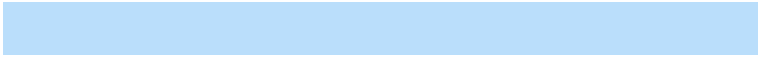
189, 161, 0



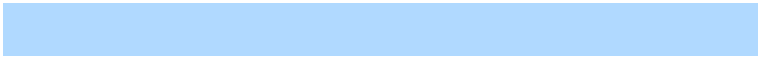
61, 52, 0

Inverse Universe

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



186, 209, 251



176, 203, 255



186, 189, 251



112, 117, 125



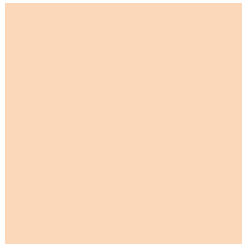
0, 66, 189



0, 21, 61

Previews

White Background



This preview shows how the RYB color 251, 242, 186 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 251, 242, 186 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 251, 242, 186 Background



This preview shows how black text looks on a background with the RYB color 251, 242, 186.


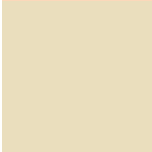



This preview shows how white text looks on a background with the RYB color 251, 242, 186.

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 251, 242, 186
	Protanopia 205, 234, 189
	Deuteranopia 255, 230, 188



Tritanopia
255, 211, 227

Trichromacy



Original Color

251, 242, 186

Protanomaly

221, 240, 188

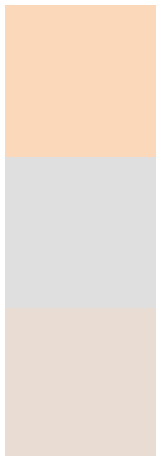
Deuteranomaly

254, 235, 187

Tritanomaly

254, 213, 212

Monochromacy



Original Color

251, 242, 186

Achromatopsia

223, 223, 223

Achromatomaly

233, 228, 210

CSS Examples

Text

The CSS property to change the color of the text to RYB 251, 242, 186 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(251, 216, 186)` looks like.

```
.text, #text, p{  
    color:rgb(251, 216, 186)  
}
```

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(251, 216, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 216, 186) }
```

Border

The CSS property to change the border of an element to RYB 251, 242, 186 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(251, 216, 186) }
```

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

```
.border{ border-color:rgb(251, 216, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 216, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 216, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 216, 186);  
box-shadow:4px 4px 4px 4px rgb(251, 216,  
186) }
```

Background

The CSS property to change the background color of an element to RYB 251, 242, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 216, 186) }
```

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

```
.background{ background-color: rgb(251,  
216, 186) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor