

Converting Colors

`RYB(235, 213, 168)`

Have a look what the booklet for
RYB(235, 213, 168) contains.

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Color

R_YB(235, 213, 168)

Conversions

Conversions Part 1

Format	Color
Hex	EBC3A8
RGB	235, 195, 168
RGB Percent	92%, 76%, 66%
CMY	0.0784, 0.2356, 0.3412
CMYK	0.00, 0.17, 0.29, 0.08
HSL	24°, 63%, 79%
HSV	24°, 29%, 92%
XYZ	60.8259, 59.4835, 45.3214
YIQ	203.8820, 32.5070, 0.0830

Conversions

Conversions Part 2

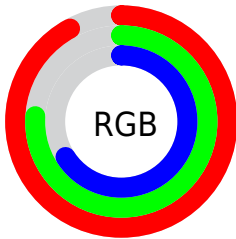
Format	Color
R _Y B	235, 213, 168
Decimal	15451048
CIE Lab	81.56, 10.37, 18.87
CIE LCh	82, 21.536, 61.202
Yxy	59.4835, 0.3672, 0.3591
Android (android.graphics.Color)	4293641128 (0xFFEBC3A8)
YUV	203.8820, -17.6898, 27.2905
Hunter-Lab	77.1256, 5.8063, 19.1472

Details

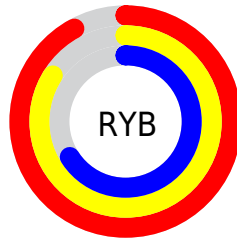
The RYB color **235, 213, 168** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **168, 193, 235**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **226, 255, 223**, and **178, 158, 116** is the 20% darker color. If you saturate the color by 10%, you get **235, 205, 145**, and if you desaturate by 10%, it is **235, 220, 192**.

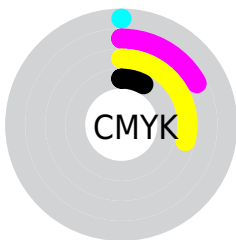
Distribution



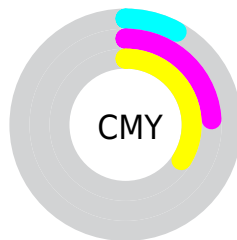
- Red (92%)
- Green (76%)
- Blue (66%)



- Red (92%)
- Yellow (84%)
- Blue (66%)



- Cyan (0%)
- Magenta (17%)
- Yellow (29%)
- Black (8%)



- Cyan (8%)
- Magenta (24%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the RYB color 235, 213, 168 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 235, 213, 168 by changing the saturation by 10% instead.

 235, 213, 168

 235, 213, 168


255, 255, 255

 206, 186, 142

 228, 255, 223

 178, 158, 116

 252, 255, 252

 151, 134, 91

 124, 107, 68

 98, 86, 45

 73, 61, 24

 50, 46, 0

 27, 0, 0

 0, 0, 0

 235, 213, 168


 235, 213, 168

 235, 205, 145


 235, 220, 192

 235, 198, 121


 235, 228, 215

 235, 190, 98


 235, 236, 238

 235, 183, 74

 235, 244, 255

 235, 175, 51

 235, 245, 255

 235, 168, 27

 235, 160, 4

 235, 157, 0

Harmonies

Analogous

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



244, 191, 183



235, 213, 168



186, 218, 163

Triad

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



235, 213, 168



154, 187, 214



207, 197, 237

Complementary

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



235, 213, 168



168, 193, 235

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.



181, 198, 243



235, 213, 168



148, 183, 223

Square

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



235, 213, 168



172, 203, 212



158, 189, 237



230, 191, 222

Rectangle

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



235, 213, 168



165, 206, 168



158, 189, 237



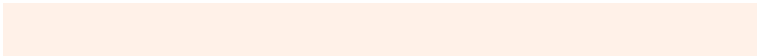
199, 200, 240

Sweetspot

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



235, 213, 168



255, 247, 232



235, 168, 208



128, 123, 113



0, 0, 0



128, 128, 128

Same Dimension

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



235, 213, 168



255, 227, 168



176, 235, 168



117, 112, 106



181, 122, 0



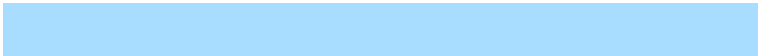
54, 37, 0

Inverse Universe

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



168, 193, 235



168, 201, 255



168, 174, 235



106, 110, 117



0, 68, 181



0, 20, 54

Previews

White Background



This preview shows how the RYB color 235, 213, 168 looks on a white background.

Color Contrast Check

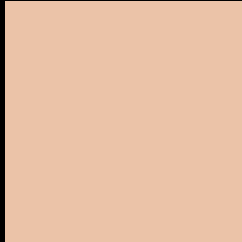
Large Text (above 18pt) WCAG AA × Fail

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 235, 213, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

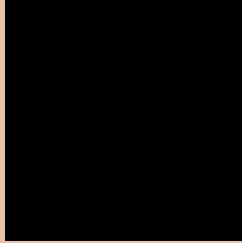
Any Text WCAG AA ✓ Pass

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 235, 213, 168 Background



This preview shows how black text looks on a background with the RYB color 235, 213, 168.





This preview shows how white text looks on a background with the RYB color 235, 213, 168.

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](#).

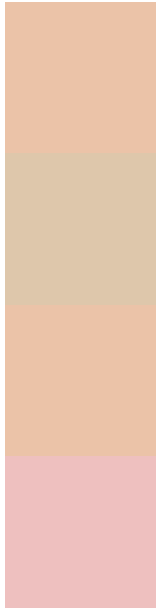
Dichromacy

	Original Color 235, 213, 168
	Protanopia 189, 214, 172
	Deuteranopia 235, 213, 168



Tritanopia
239, 190, 204

Trichromacy



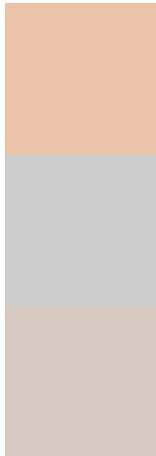
Original Color
235, 213, 168

Protanomaly
213, 222, 171

Deuteranomaly
235, 213, 168

Tritanomaly
238, 192, 191

Monochromacy



Original Color
235, 213, 168

Achromatopsia
204, 204, 204

Achromatomaly
215, 208, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 235, 213, 168 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(235, 195, 168)` looks like.

```
.text, #text, p{  
    color:rgb(235, 195, 168)  
}
```

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(235, 195, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 195, 168) }
```

Border

The CSS property to change the border of an element to RYB 235, 213, 168 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(235, 195, 168) }
```

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

```
.border{ border-color:rgb(235, 195, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 195, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 195, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 195, 168);  
box-shadow:4px 4px 4px 4px rgb(235, 195,  
168) }
```

Background

The CSS property to change the background color of an element to RYB 235, 213, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 195, 168) }
```

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

```
.background{ background-color: rgb(235,  
195, 168) }
```

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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