

Converting Colors

`RYB(245, 230, 167)`

Have a look what the booklet for
RYB(245, 230, 167) contains.

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Color

R_YB(245, 230, 167)

Conversions

Conversions Part 1

Format	Color
Hex	F5CAA7
RGB	245, 202, 167
RGB Percent	96%, 79%, 65%
CMY	0.0392, 0.2084, 0.3451
CMYK	0.00, 0.18, 0.32, 0.04
HSL	27°, 80%, 81%
HSV	27°, 32%, 96%
XYZ	65.7168, 64.3737, 45.5209
YIQ	210.8670, 36.8630, -1.7690

Conversions

Conversions Part 2

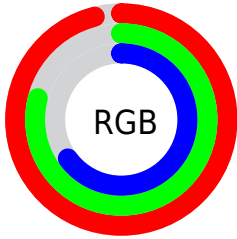
Format	Color
R _Y B	245, 230, 167
Decimal	16108199
CIE Lab	84.16, 10.41, 23.14
CIE LCh	84, 25.373, 65.789
Yxy	64.3737, 0.3742, 0.3666
Android (android.graphics.Color)	4294298279 (0xFFF5CAA7)
YUV	210.8670, -21.6264, 29.9346
Hunter-Lab	80.2332, 5.7963, 22.5246

Details

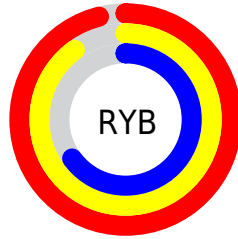
The RYB color **245, 230, 167** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **167, 195, 245**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **222, 255, 222**, and **188, 175, 115** is the 20% darker color. If you saturate the color by 10%, you get **245, 225, 142**, and if you desaturate by 10%, it is **245, 233, 192**.

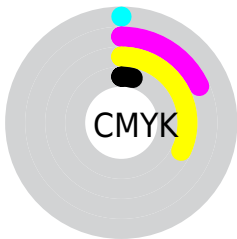
Distribution



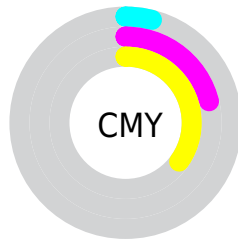
- Red (96%)
- Green (79%)
- Blue (65%)



- Red (96%)
- Yellow (90%)
- Blue (65%)



- Cyan (0%)
- Magenta (18%)
- Yellow (32%)
- Black (4%)



- Cyan (4%)
- Magenta (21%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 245, 230, 167 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 245, 230, 167 by changing the saturation by 10% instead.

 245, 230, 167

255, 255, 255


 222, 255, 222


 251, 255, 251

 245, 230, 167


 216, 200, 141

 188, 175, 115

 160, 149, 90

 133, 124, 66

 106, 98, 44

 81, 79, 22

 55, 57, 0

 33, 7, 0

 0, 0, 0

 245, 230, 167


 245, 230, 167

 245, 225, 142

 245, 233, 192

 245, 221, 118

 245, 240, 216


 245, 216, 93

 245, 245, 241

 245, 212, 69

 245, 250, 255

 245, 207, 44

 245, 203, 20

 245, 196, 0

Harmonies

Analogous

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



255, 197, 183



245, 230, 167



179, 223, 162

Triad

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



245, 230, 167



149, 189, 224



220, 202, 249

Complementary

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



245, 230, 167



167, 195, 245

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.



188, 205, 255



245, 230, 167



143, 186, 237

Square

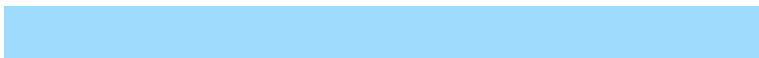
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



245, 230, 167



170, 208, 222



158, 195, 253



245, 195, 230

Rectangle

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



245, 230, 167



167, 215, 176



158, 195, 253



210, 205, 253

Sweetspot

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



245, 230, 167



255, 250, 230



245, 167, 211



128, 124, 112



0, 0, 0



128, 128, 128

Same Dimension

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



245, 230, 167



255, 235, 158



172, 245, 167



122, 122, 110



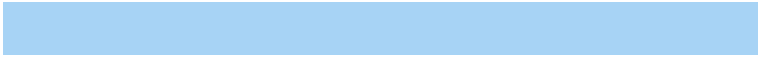
186, 150, 0



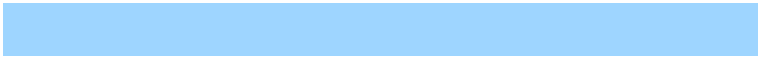
59, 46, 0

Inverse Universe

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



167, 195, 245



158, 193, 255



167, 172, 245



110, 114, 122



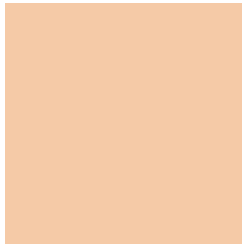
0, 66, 186



0, 21, 59

Previews

White Background



This preview shows how the RYB color 245, 230, 167 looks on a white background.

Color Contrast Check

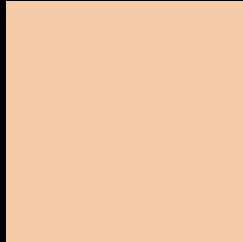
Large Text (above 18pt) WCAG AA × Fail

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 245, 230, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

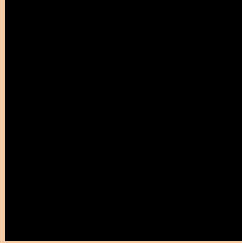
Any Text WCAG AA ✓ Pass

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 245, 230, 167 Background



This preview shows how black text looks on a background with the RYB color 245, 230, 167.



This preview shows how white text looks on a background with the RYB color 245, 230, 167.

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
245, 230, 167

Protanopia
188, 223, 171

Deuteranopia
245, 230, 167



Tritanopia
250, 196, 211

Trichromacy



Original Color

245, 230, 167

Protanomaly

210, 231, 170

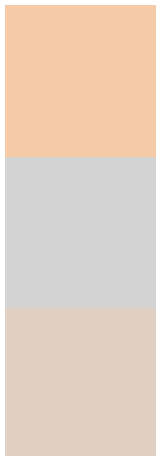
Deuteranomaly

245, 230, 167

Tritanomaly

248, 198, 195

Monochromacy



Original Color

245, 230, 167

Achromatopsia

211, 211, 211

Achromatomaly

223, 219, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 230, 167 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(245, 202, 167)` looks like.

```
.text, #text, p{  
    color:rgb(245, 202, 167)  
}
```

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(245, 202, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 202, 167) }
```

Border

The CSS property to change the border of an element to RYB 245, 230, 167 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(245, 202, 167) }
```

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

```
.border{ border-color:rgb(245, 202, 167) }
```

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

Here you see how a box with a 4 pixel rgb(245, 202, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 202, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 202, 167);  
box-shadow:4px 4px 4px 4px rgb(245, 202,  
167) }
```

Background

The CSS property to change the background color of an element to RYB 245, 230, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 202, 167) }
```

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

```
.background{ background-color: rgb(245,  
202, 167) }
```

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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