

Converting Colors

`RYB(245, 227, 169)`

Have a look what the booklet for
RYB(245, 227, 169) contains.

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Color

RYB(245, 227, 169)

Conversions

Conversions Part 1

Format	Color
Hex	F5CAA9
RGB	245, 202, 169
RGB Percent	96%, 79%, 66%
CMY	0.0392, 0.2083, 0.3373
CMYK	0.00, 0.18, 0.31, 0.04
HSL	26°, 79%, 81%
HSV	26°, 31%, 96%
XYZ	65.9136, 64.4691, 46.5059
YIQ	211.0950, 36.2210, -1.1470

Conversions

Conversions Part 2

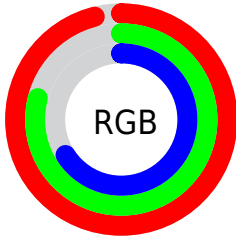
Format	Color
R _Y B	245, 227, 169
Decimal	16108201
CIE Lab	84.21, 10.63, 22.16
CIE LCh	84, 24.575, 64.363
Yxy	64.4691, 0.3726, 0.3645
Android (android.graphics.Color)	4294298281 (0xFFF5CAA9)
YUV	211.0950, -20.7528, 29.7347
Hunter-Lab	80.2926, 6.0216, 21.8638

Details

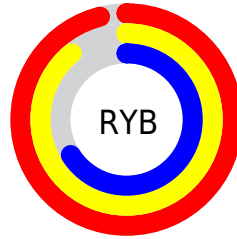
The RYB color **245, 227, 169** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **169, 196, 245**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **224, 255, 224**, and **188, 172, 117** is the 20% darker color. If you saturate the color by 10%, you get **245, 220, 145**, and if you desaturate by 10%, it is **245, 233, 194**.

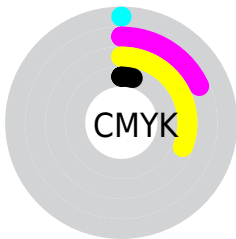
Distribution



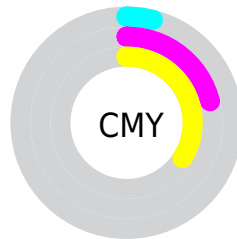
- Red (96%)
- Green (79%)
- Blue (66%)



- Red (96%)
- Yellow (89%)
- Blue (66%)



- Cyan (0%)
- Magenta (18%)
- Yellow (31%)
- Black (4%)



- Cyan (4%)
- Magenta (21%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 245, 227, 169 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, 227, 169 by changing the saturation by 10% instead.

 245, 227, 169

255, 255, 255


 224, 255, 224


253, 255, 253

 245, 227, 169


 216, 202, 142

 188, 172, 117

 160, 146, 92

 133, 120, 68

 107, 94, 46

 81, 75, 24

 55, 57, 0

 34, 7, 0

 0, 0, 0

■ 245, 227, 169

■ 245, 227, 169

■ 245, 220, 145

■ 245, 233, 194

■ 245, 215, 120

■ 245, 240, 218

■ 245, 210, 95

■ 245, 245, 243

■ 245, 203, 71

■ 245, 250, 255

■ 245, 197, 46

■ 245, 194, 22

■ 245, 187, 0

Harmonies

Analogous

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



255, 198, 185



245, 227, 169



182, 224, 164

Triad

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



245, 227, 169



152, 190, 223



218, 203, 248

Complementary

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



245, 227, 169



169, 196, 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.



187, 205, 255



245, 227, 169



146, 187, 235

Square

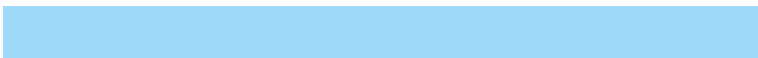
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



245, 227, 169



173, 209, 221



159, 195, 251



243, 196, 231

Rectangle

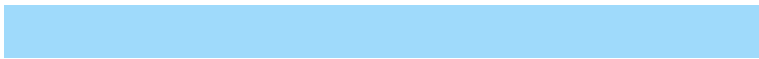
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



245, 227, 169



168, 214, 175



159, 195, 251



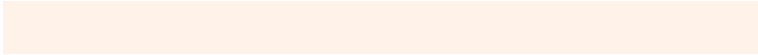
208, 206, 252

Sweetspot

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



245, 227, 169



255, 250, 232



245, 169, 213



128, 126, 113



0, 0, 0



128, 128, 128

Same Dimension

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



245, 227, 169



255, 231, 161



176, 245, 169



122, 119, 110



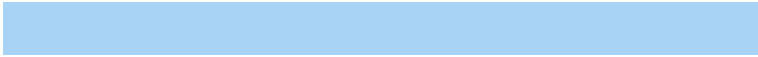
186, 143, 0



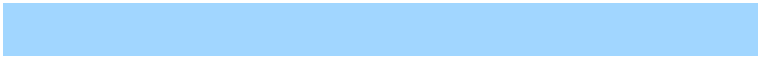
59, 43, 0

Inverse Universe

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



169, 196, 245



161, 195, 255



169, 175, 245



110, 114, 122



0, 68, 186



0, 21, 59

Previews

White Background



This preview shows how the RYB color 245, 227, 169 looks on a white background.

Color Contrast Check

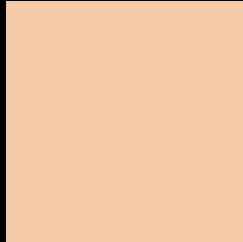
Large Text (above 18pt) WCAG AA × Fail

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, 227, 169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

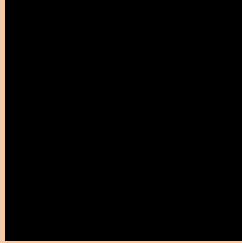
Any Text WCAG AA ✓ Pass

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](#).

RYP 245, 227, 169 Background



This preview shows how black text looks on a background with the RYP color 245, 227, 169.



This preview shows how white text looks on a background with the RYP color 245, 227, 169.

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, 227, 169

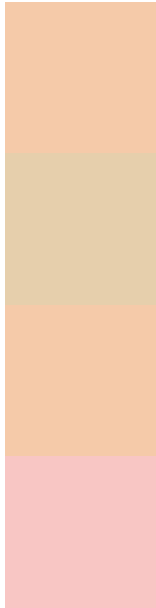
Protanopia
189, 222, 173

Deuteranopia
245, 227, 169



Tritanopia
250, 196, 211

Trichromacy



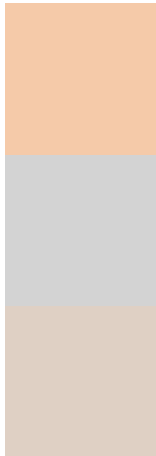
Original Color
245, 227, 169

Protanomaly
210, 230, 172

Deuteranomaly
245, 227, 169

Tritanomaly
248, 198, 196

Monochromacy



Original Color
245, 227, 169

Achromatopsia
211, 211, 211

Achromatomaly
223, 218, 196

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 227, 169 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, 169) looks like.

```
.text, #text, p{  
    color:rgb(245, 202, 169)  
}
```

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, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 202, 169) }
```

Border

The CSS property to change the border of an element to RYB 245, 227, 169 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, 169) }
```

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

```
.border{ border-color:rgb(245, 202, 169) }
```

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, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 202, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 202, 169);  
box-shadow:4px 4px 4px 4px rgb(245, 202,  
169) }
```

Background

The CSS property to change the background color of an element to RYB 245, 227, 169 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, 169) }
```

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

```
.background{ background-color: rgb(245,  
202, 169) }
```

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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