

Converting Colors

`RYB(245, 220, 135)`

Have a look what the booklet for
RYB(245, 220, 135) contains.

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Color

R_YB(245, 220, 135)

Conversions

Conversions Part 1

Format	Color
Hex	F5B787
RGB	245, 183, 135
RGB Percent	96%, 72%, 53%
CMY	0.0392, 0.2826, 0.4706
CMYK	0.00, 0.25, 0.45, 0.04
HSL	26°, 85%, 75%
HSV	26°, 45%, 96%
XYZ	58.9523, 55.0076, 30.4321
YIQ	196.0660, 52.3600, -1.7840

Conversions

Conversions Part 2

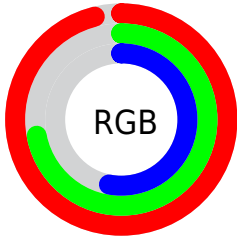
Format	Color
R_{YB}	245, 220, 135
Decimal	16103303
CIE _{Lab}	79.05, 16.73, 33.11
CIE _{LCh}	79, 37.094, 63.196
Yxy	55.0076, 0.4083, 0.3810
Android (android.graphics.Color)	4294293383 (0xFFFF5B787)
YUV	196.0660, -30.1055, 42.9151
Hunter-Lab	74.1671, 12.0897, 27.5892

Details

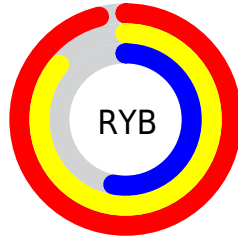
The RYB color **245, 220, 135** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **135, 175, 245**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **210, 255, 189**, and **186, 166, 85** is the 20% darker color. If you saturate the color by 10%, you get **245, 215, 110**, and if you desaturate by 10%, it is **245, 226, 160**.

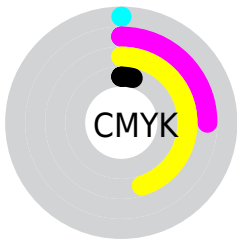
Distribution



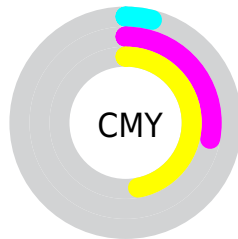
- Red (96%)
- Green (72%)
- Blue (53%)



- Red (96%)
- Yellow (86%)
- Blue (53%)



- Cyan (0%)
- Magenta (25%)
- Yellow (45%)
- Black (4%)



- Cyan (4%)
- Magenta (28%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 245, 220, 135 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, 220, 135 by changing the saturation by 10% instead.

 245, 220, 135

 245, 220, 135


255, 255, 255

 215, 193, 109

 210, 255, 189

 186, 166, 85

 217, 255, 217

 158, 142, 61

 245, 255, 245

 130, 115, 38

 103, 95, 15

 77, 64, 0

 50, 21, 0

 25, 0, 1

 0, 0, 0

 245, 220, 135


 245, 220, 135

 245, 215, 110


 245, 226, 160

 245, 208, 86


 245, 232, 184

 245, 201, 62

 245, 235, 209

 245, 199, 37

 245, 242, 233

 245, 192, 13

 245, 249, 255

 245, 190, 0

 245, 250, 255

Harmonies

Analogous

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



255, 175, 160



245, 220, 135



153, 216, 126

Triad

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



245, 220, 135



97, 161, 215



205, 185, 254

Complementary

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



245, 220, 135



135, 175, 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.



154, 185, 255



245, 220, 135



74, 148, 232

Square

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



245, 220, 135



138, 193, 212



101, 164, 255



243, 174, 227

Rectangle

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



245, 220, 135



131, 202, 141



101, 164, 255



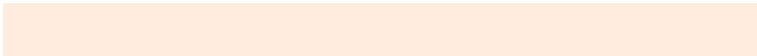
189, 190, 255

Sweetspot

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



245, 220, 135



255, 246, 222



245, 135, 197



128, 123, 107



0, 0, 0



128, 128, 128

Same Dimension

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



245, 220, 135



255, 223, 117



142, 245, 135



122, 119, 110



186, 143, 0



59, 46, 0

Inverse Universe

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



135, 175, 245



117, 167, 255



135, 142, 245



110, 114, 122



0, 67, 186



0, 21, 59

Previews

White Background



This preview shows how the RYB color 245, 220, 135 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, 220, 135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

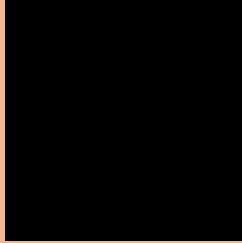
Any Text WCAG AA ✓ Pass

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](#).

R Y B 245, 220, 135 Background



This preview shows how black text looks on a background with the RYB color 245, 220, 135.

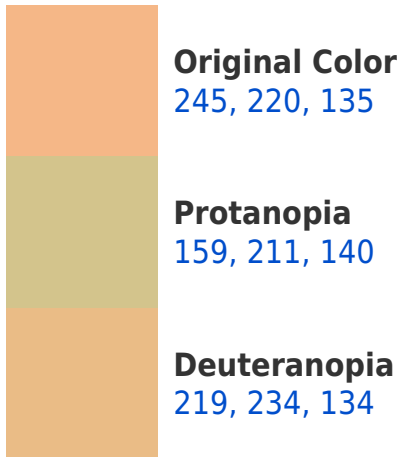


This preview shows how white text looks on a background with the RYB color 245, 220, 135.

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





Tritanopia
250, 176, 189

Trichromacy



Original Color

245, 220, 135

Protanomaly

189, 223, 138

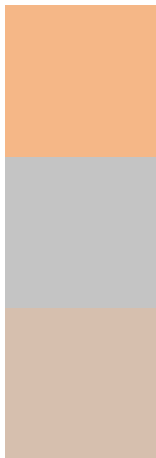
Deuteranomaly

238, 238, 134

Tritanomaly

248, 180, 169

Monochromacy



Original Color

245, 220, 135

Achromatopsia

196, 196, 196

Achromatomaly

214, 204, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 220, 135 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, 183, 135)` looks like.

```
.text, #text, p{  
    color:rgb(245, 183, 135)  
}
```

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, 183, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 183, 135) }
```

Border

The CSS property to change the border of an element to RYB 245, 220, 135 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, 183, 135) }
```

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

```
.border{ border-color:rgb(245, 183, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 183, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 183, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 183, 135);  
box-shadow:4px 4px 4px 4px rgb(245, 183,  
135) }
```

Background

The CSS property to change the background color of an element to RGB 245, 220, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 183, 135) }
```

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

```
.background{ background-color: rgb(245,  
183, 135) }
```

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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