

Converting Colors

`RYB(221, 244, 145)`

Have a look what the booklet for
RYB(221, 244, 145) contains.

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Color

R_YB(221, 244, 145)

Conversions

Conversions Part 1

Format	Color
Hex	F4C991
RGB	244, 201, 145
RGB Percent	96%, 79%, 57%
CMY	0.0431, 0.2117, 0.4314
CMYK	0.00, 0.18, 0.41, 0.04
HSL	34°, 82%, 76%
HSV	34°, 41%, 96%
XYZ	63.3070, 63.0534, 35.6219
YIQ	207.4730, 43.6040, -8.3000

Conversions

Conversions Part 2

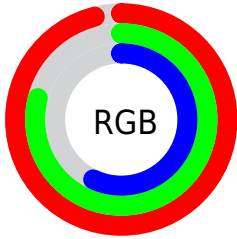
Format	Color
R _Y B	221, 244, 145
Decimal	16042385
CIE Lab	83.47, 7.91, 33.69
CIE LCh	83, 34.605, 76.794
Yxy	63.0534, 0.3908, 0.3893
Android (android.graphics.Color)	4294232465 (0xFFFF4C991)
YUV	207.4730, -30.7992, 32.0342
Hunter-Lab	79.4062, 3.3494, 28.9866

Details

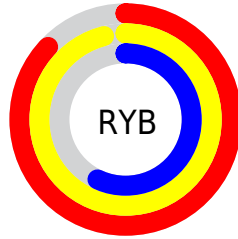
The RYB color **221, 244, 145** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **145, 175, 244**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **199, 255, 199**, and **162, 186, 94** is the 20% darker color. If you saturate the color by 10%, you get **217, 244, 121**, and if you desaturate by 10%, it is **225, 244, 169**.

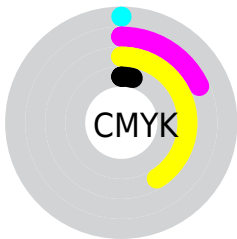
Distribution



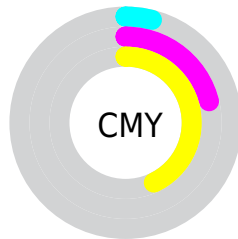
- Red (96%)
- Green (79%)
- Blue (57%)



- Red (87%)
- Yellow (96%)
- Blue (57%)



- Cyan (0%)
- Magenta (18%)
- Yellow (41%)
- Black (4%)




- Cyan (4%)
- Magenta (21%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 221, 244, 145 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 221, 244, 145 by changing the saturation by 10% instead.


 221, 244, 145

 221, 244, 145

255, 255, 255


 191, 215, 119

 199, 255, 199

 162, 186, 94


 228, 255, 228

 132, 158, 69

 103, 131, 46

 73, 104, 23

 41, 78, 0

 41, 53, 0

 29, 8, 0

 0, 0, 0

■ 221, 244, 145

■ 221, 244, 145

■ 217, 244, 121

■ 225, 244, 169

■ 209, 244, 96

■ 233, 244, 194

■ 205, 244, 72

■ 237, 244, 218

■ 197, 244, 47

■ 244, 243, 243

■ 193, 244, 23

■ 244, 249, 255

■ 187, 244, 0

■ 244, 250, 255

Harmonies

Analogous

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



255, 204, 162



221, 244, 145



145, 212, 145

Triad

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



221, 244, 145



108, 167, 226



235, 193, 253

Complementary

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



221, 244, 145



145, 175, 244

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.



193, 203, 255



221, 244, 145



109, 173, 254

Square

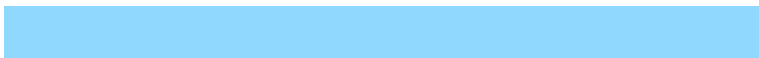
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



221, 244, 145



138, 192, 225



145, 188, 255



255, 185, 224

Rectangle

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



221, 244, 145



155, 218, 185



145, 188, 255



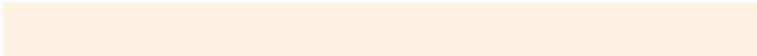
222, 197, 255

Sweetspot

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



221, 244, 145



246, 255, 224



244, 145, 190



124, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



221, 244, 145



225, 255, 130



145, 244, 150



119, 122, 110



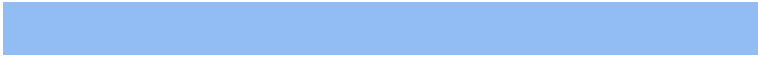
143, 186, 0



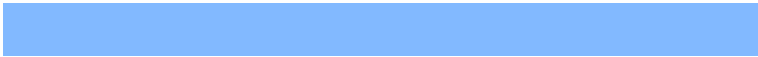
46, 59, 0

Inverse Universe

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



145, 175, 244



130, 168, 255



150, 145, 244



110, 114, 122



0, 56, 186



0, 18, 59

Previews

White Background



This preview shows how the RYB color 221, 244, 145 looks on a white background.

Color Contrast Check

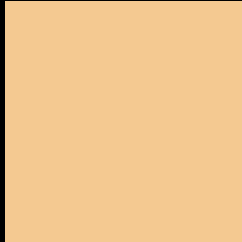
Large Text (above 18pt) WCAG AA × Fail

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 221, 244, 145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

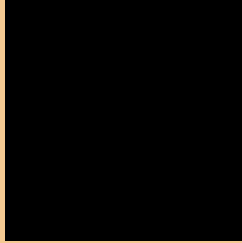
Any Text WCAG AA ✓ Pass

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 221, 244, 145 Background



This preview shows how black text looks on a background with the RYB color 221, 244, 145.



This preview shows how white text looks on a background with the RYB color 221, 244, 145.

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
221, 244, 145

Protanopia
168, 224, 148

Deuteranopia
238, 248, 145



Tritanopia
250, 193, 208

Trichromacy



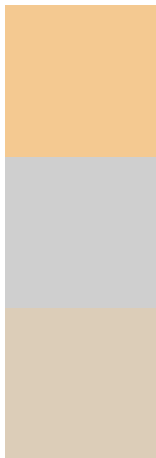
Original Color
221, 244, 145

Protanomaly
185, 231, 147

Deuteranomaly
232, 247, 145

Tritanomaly
248, 198, 185

Monochromacy



Original Color
221, 244, 145

Achromatopsia
207, 207, 207

Achromatomaly
210, 220, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 221, 244, 145 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(244, 201, 145)` looks like.

```
.text, #text, p{  
    color:rgb(244, 201, 145)  
}
```

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(244, 201, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 201, 145) }
```

Border

The CSS property to change the border of an element to RYB 221, 244, 145 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(244, 201, 145) }
```

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

```
.border{ border-color:rgb(244, 201, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 201, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 201, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 201, 145);  
box-shadow:4px 4px 4px 4px rgb(244, 201,  
145) }
```

Background

The CSS property to change the background color of an element to RGB 221, 244, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 201, 145) }
```

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

```
.background{ background-color: rgb(244,  
201, 145) }
```

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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