

Converting Colors

`RYB(230, 244, 172)`

Have a look what the booklet for
RYB(230, 244, 172) contains.

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Color

R_YB(230, 244, 172)

Conversions

Conversions Part 1

Format	Color
Hex	F4D4AC
RGB	244, 212, 172
RGB Percent	96%, 83%, 67%
CMY	0.0431, 0.1691, 0.3255
CMYK	0.00, 0.13, 0.30, 0.04
HSL	33°, 77%, 82%
HSV	33°, 30%, 96%
XYZ	68.2673, 69.2371, 48.7957
YIQ	217.0080, 31.9120, -5.6560

Conversions

Conversions Part 2

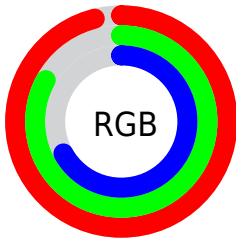
Format	Color
R _Y B	230, 244, 172
Decimal	16045228
CIE Lab	86.62, 5.44, 23.88
CIE LCh	87, 24.494, 77.160
Yxy	69.2371, 0.3664, 0.3716
Android (android.graphics.Color)	4294235308 (0xFFF4D4AC)
YUV	217.0080, -22.1889, 23.6720
Hunter-Lab	83.2088, 0.8320, 23.4770

Details

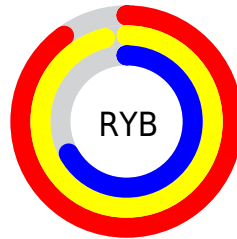
The RYB color **230, 244, 172** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **172, 194, 244**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **228, 255, 228**, and **173, 187, 119** is the 20% darker color. If you saturate the color by 10%, you get **226, 244, 148**, and if you desaturate by 10%, it is **233, 244, 196**.

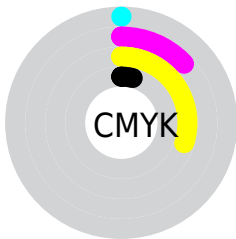
Distribution



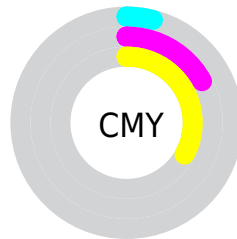
- Red (96%)
- Green (83%)
- Blue (67%)



- Red (90%)
- Yellow (96%)
- Blue (67%)



- Cyan (0%)
- Magenta (13%)
- Yellow (30%)
- Black (4%)



- Cyan (4%)
- Magenta (17%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 230, 244, 172 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 230, 244, 172 by changing the saturation by 10% instead.

 230, 244, 172


255, 255, 255


 228, 255, 228

 230, 244, 172


 201, 215, 145

 173, 187, 119

 145, 159, 95

 116, 132, 71

 89, 106, 48

 63, 81, 26

 32, 57, 1

 34, 34, 0

 0, 0, 0

■ 230, 244, 172

■ 230, 244, 172

■ 226, 244, 148

■ 233, 244, 196

■ 221, 244, 123

■ 239, 244, 221

■ 217, 244, 99

■ 244, 245, 245

■ 211, 244, 74

■ 244, 250, 255

■ 208, 244, 50

■ 201, 244, 26

■ 195, 244, 1

■ 197, 244, 0

Harmonies

Analogous

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



255, 214, 184



230, 244, 172



173, 221, 172

Triad

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



230, 244, 172



154, 192, 230



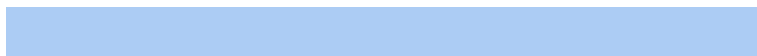
237, 207, 249

Complementary

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



230, 244, 172



172, 194, 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.



208, 213, 255



230, 244, 172



156, 197, 250

Square

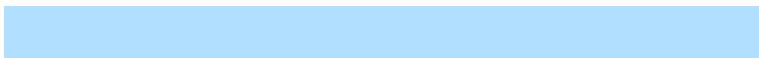
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230, 244, 172



169, 207, 230



177, 206, 255



255, 201, 228

Rectangle

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



230, 244, 172



179, 224, 200



177, 206, 255



228, 209, 254

Sweetspot

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



230, 244, 172



250, 255, 232



244, 172, 204



126, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



230, 244, 172



239, 255, 166



172, 244, 176



119, 122, 110



150, 186, 0



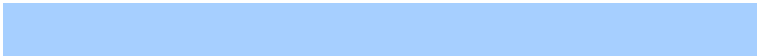
50, 59, 0

Inverse Universe

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



172, 194, 244



166, 194, 255



176, 172, 244



110, 114, 122



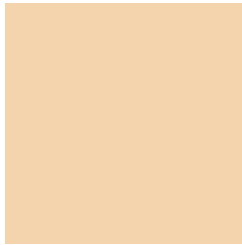
0, 57, 186



0, 18, 59

Previews

White Background



This preview shows how the RYB color 230, 244, 172 looks on a white background.

Color Contrast Check

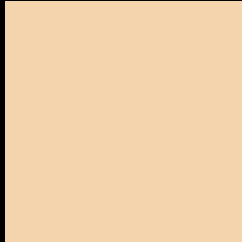
Large Text (above 18pt) WCAG AA × Fail

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 230, 244, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

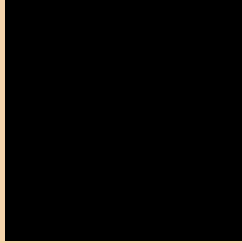
Any Text WCAG AA ✓ Pass

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 230, 244, 172 Background



This preview shows how black text looks on a background with the RYB color 230, 244, 172.




This preview shows how white text looks on a background with the RYB color 230, 244, 172.

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](#).

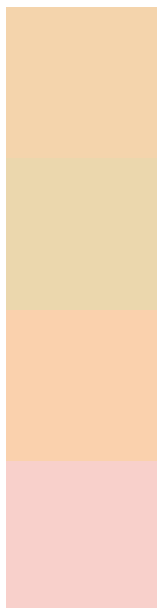
Dichromacy

	Original Color 230, 244, 172
	Protanopia 191, 230, 174
	Deuteranopia 253, 235, 173



Tritanopia
250, 205, 221

Trichromacy



Original Color

230, 244, 172

Protanomaly

203, 235, 173

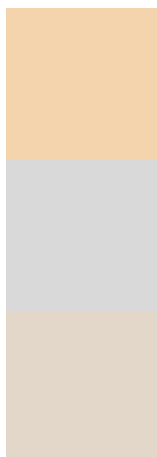
Deuteranomaly

250, 241, 173

Tritanomaly

248, 209, 203

Monochromacy



Original Color

230, 244, 172

Achromatopsia

217, 217, 217

Achromatomaly

223, 227, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 230, 244, 172 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, 212, 172) looks like.

```
.text, #text, p{  
    color:rgb(244, 212, 172)  
}
```

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, 212, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 212, 172) }
```

Border

The CSS property to change the border of an element to RYB 230, 244, 172 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, 212, 172) }
```

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

```
.border{ border-color:rgb(244, 212, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 212, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 212, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 212, 172);  
box-shadow:4px 4px 4px 4px rgb(244, 212,  
172) }
```

Background

The CSS property to change the background color of an element to RYB 230, 244, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 212, 172) }
```

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

```
.background{ background-color: rgb(244,  
212, 172) }
```

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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