

Converting Colors

`RYB(246, 250, 178)`

Have a look what the booklet for
RYB(246, 250, 178) contains.

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Color

R_YB(246, 250, 178)

Conversions

Conversions Part 1

Format	Color
Hex	FAD7B2
RGB	250, 215, 178
RGB Percent	98%, 84%, 70%
CMY	0.0196, 0.1568, 0.3020
CMYK	0.00, 0.14, 0.29, 0.02
HSL	31°, 88%, 84%
HSV	31°, 29%, 98%
XYZ	71.7679, 72.1538, 52.2640
YIQ	221.2470, 32.7370, -4.0870

Conversions

Conversions Part 2

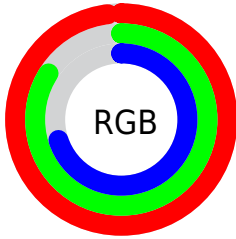
Format	Color
R _Y B	246, 250, 178
Decimal	16439218
CIE Lab	88.04, 6.84, 22.79
CIE LCh	88, 23.794, 73.284
Yxy	72.1538, 0.3658, 0.3678
Android (android.graphics.Color)	4294629298 (0xFFFAD7B2)
YUV	221.2470, -21.3208, 25.2164
Hunter-Lab	84.9434, 2.1622, 22.9804

Details

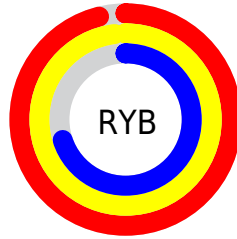
The RYB color **246, 250, 178** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **178, 202, 250**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **234, 255, 234**, and **189, 193, 125** is the 20% darker color. If you saturate the color by 10%, you get **244, 250, 153**, and if you desaturate by 10%, it is **248, 250, 203**.

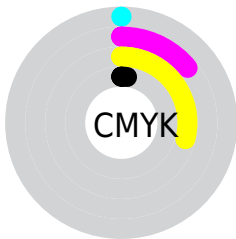
Distribution



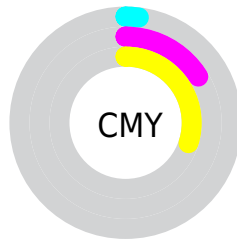
- Red (98%)
- Green (84%)
- Blue (70%)



- Red (96%)
- Yellow (98%)
- Blue (70%)



- Cyan (0%)
- Magenta (14%)
- Yellow (29%)
- Black (2%)



- Cyan (2%)
- Magenta (16%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 246, 250, 178 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 246, 250, 178 by changing the saturation by 10% instead.

 246, 250, 178

255, 255, 255

 234, 255, 234


 246, 250, 178

 217, 221, 151

 189, 193, 125

 159, 165, 100

 130, 138, 76

 103, 112, 53

 74, 86, 31

 45, 62, 8

 34, 38, 0

 0, 0, 0

246, 250, 178

246, 250, 178

244, 250, 153

248, 250, 203

242, 250, 128

250, 250, 228

240, 250, 103

250, 251, 253

242, 250, 78

250, 253, 255

240, 250, 53

238, 250, 28

236, 250, 3

234, 250, 0

Harmonies

Analogous

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



255, 214, 191



246, 250, 178



183, 228, 177

Triad

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



246, 250, 178



161, 199, 234



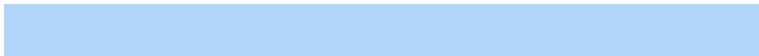
237, 212, 254

Complementary

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



246, 250, 178



178, 202, 250

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, 217, 255



246, 250, 178



161, 201, 251

Square

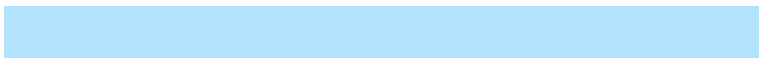
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



246, 250, 178



178, 214, 233



179, 208, 255



255, 206, 234

Rectangle

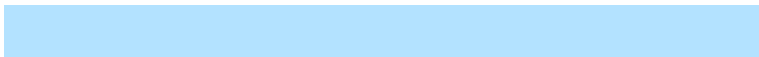
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



246, 250, 178



183, 227, 199



179, 208, 255



228, 214, 255

Sweetspot

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



246, 250, 178



253, 255, 232



250, 178, 214



126, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



246, 250, 178



249, 255, 166



178, 250, 178



123, 125, 112



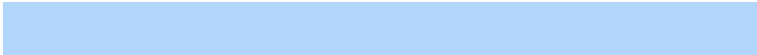
179, 189, 0



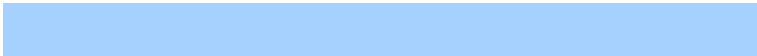
59, 61, 0

Inverse Universe

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



178, 202, 250



166, 195, 255



178, 178, 250



112, 117, 125



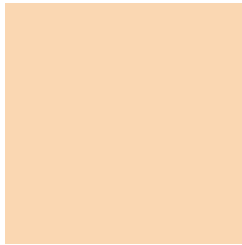
0, 62, 189



0, 20, 61

Previews

White Background



This preview shows how the RYB color 246, 250, 178 looks on a white background.

Color Contrast Check

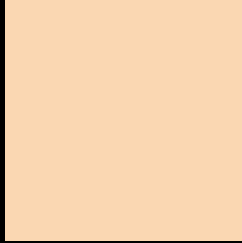
Large Text (above 18pt) WCAG AA × Fail

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 246, 250, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

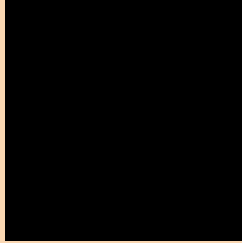
Any Text WCAG AA ✓ Pass

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 246, 250, 178 Background



This preview shows how black text looks on a background with the RYB color 246, 250, 178.



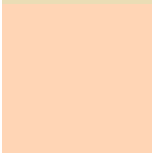



This preview shows how white text looks on a background with the RYB color 246, 250, 178.

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](#).

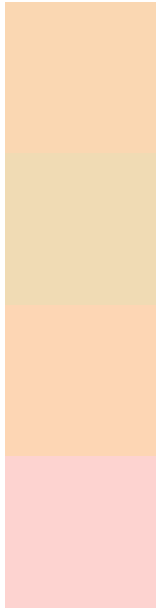
Dichromacy

	Original Color 246, 250, 178
	Protanopia 198, 234, 181
	Deuteranopia 255, 237, 181



Tritanopia
255, 209, 225

Trichromacy



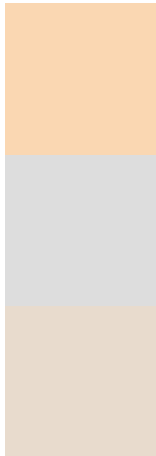
Original Color
246, 250, 178

Protanomaly
212, 240, 180

Deuteranomaly
253, 244, 180

Tritanomaly
253, 211, 208

Monochromacy



Original Color
246, 250, 178

Achromatopsia
221, 221, 221

Achromatomaly
230, 232, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 246, 250, 178 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(250, 215, 178)` looks like.

```
.text, #text, p{  
    color:rgb(250, 215, 178)  
}
```

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(250, 215, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 215, 178) }
```

Border

The CSS property to change the border of an element to RYB 246, 250, 178 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(250, 215, 178) }
```

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

```
.border{ border-color:rgb(250, 215, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 215, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 215, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 215, 178);  
box-shadow:4px 4px 4px 4px rgb(250, 215,  
178) }
```

Background

The CSS property to change the background color of an element to RGB 246, 250, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 215, 178) }
```

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

```
.background{ background-color: rgb(250,  
215, 178) }
```

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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