

Converting Colors

`RYB(246, 246, 170)`

Have a look what the booklet for
RYB(246, 246, 170) contains.

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Color

R_YB(246, 246, 170)

Conversions

Conversions Part 1

Format	Color
Hex	F6D0AA
RGB	246, 208, 170
RGB Percent	96%, 82%, 67%
CMY	0.0353, 0.1843, 0.3333
CMYK	0.00, 0.15, 0.31, 0.04
HSL	30°, 81%, 82%
HSV	30°, 31%, 96%
XYZ	67.8176, 67.6069, 47.5053
YIQ	215.0300, 34.8460, -3.7620

Conversions

Conversions Part 2

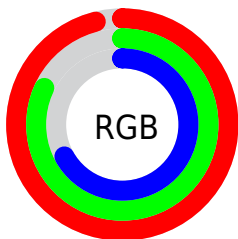
Format	Color
R _Y B	246, 246, 170
Decimal	16175274
CIE Lab	85.81, 7.96, 23.84
CIE LCh	86, 25.136, 71.545
Yxy	67.6069, 0.3707, 0.3696
Android (android.graphics.Color)	4294365354 (0xFFFF6D0AA)
YUV	215.0300, -22.1998, 27.1607
Hunter-Lab	82.2234, 3.3353, 23.3011

Details

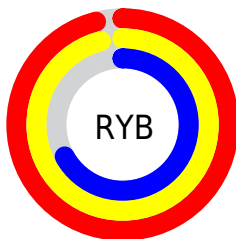
The RYB color **246, 246, 170** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **170, 195, 246**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **225, 255, 225**, and **187, 189, 118** is the 20% darker color. If you saturate the color by 10%, you get **244, 246, 145**, and if you desaturate by 10%, it is **246, 244, 195**.

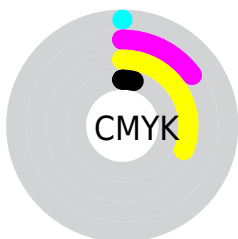
Distribution



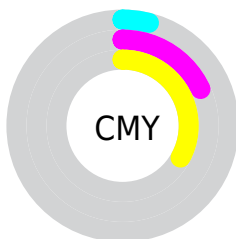
- Red (96%)
- Green (82%)
- Blue (67%)



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



- Cyan (0%)
- Magenta (15%)
- Yellow (31%)
- Black (4%)



- Cyan (4%)
- Magenta (18%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 246, 246, 170 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, 246, 170 by changing the saturation by 10% instead.

 246, 246, 170

 246, 246, 170

255, 255, 255

 217, 217, 143

 225, 255, 225


 187, 189, 118

254, 255, 254

 157, 161, 93

 128, 134, 69

 100, 108, 46

 71, 82, 24

 41, 58, 0

 34, 24, 0

 0, 0, 0

 246, 246, 170


 246, 246, 170

 244, 246, 145


 246, 244, 195

 246, 244, 121


 244, 246, 219


 246, 246, 96

 246, 246, 244

 246, 246, 72

 246, 251, 255

 244, 246, 47

 246, 246, 22

 246, 246, 0

Harmonies

Analogous

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



255, 206, 184



246, 246, 170



176, 223, 168

Triad

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



246, 246, 170



152, 191, 228



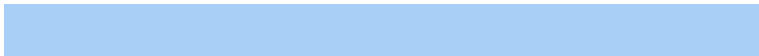
230, 205, 250

Complementary

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



246, 246, 170



170, 195, 246

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.



199, 211, 255



246, 246, 170



150, 192, 245

Square

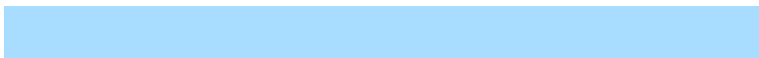
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



246, 246, 170



170, 208, 227



168, 201, 255



253, 199, 230

Rectangle

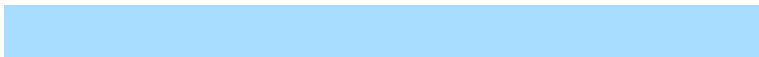
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



246, 246, 170



174, 221, 190



168, 201, 255



220, 208, 255

Sweetspot

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



246, 246, 170



253, 255, 232



246, 170, 208



128, 126, 113



0, 0, 0



128, 128, 128

Same Dimension

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



246, 246, 170



255, 255, 161



170, 246, 170



122, 122, 110



186, 186, 0



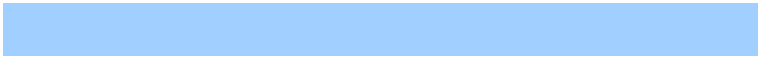
59, 57, 0

Inverse Universe

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



170, 195, 246



161, 192, 255



170, 170, 246



110, 114, 122



0, 62, 186



0, 19, 59

Previews

White Background



This preview shows how the RYB color 246, 246, 170 looks on a white background.

Color Contrast Check

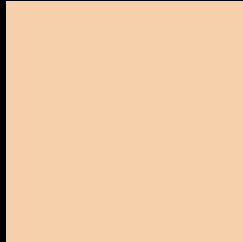
Large Text (above 18pt) WCAG AA × Fail

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, 246, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

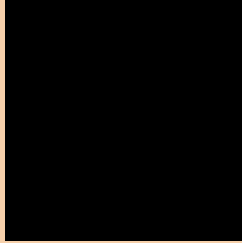
Any Text WCAG AA ✓ Pass

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 246, 246, 170 Background



This preview shows how black text looks on a background with the R/Y/B color 246, 246, 170.

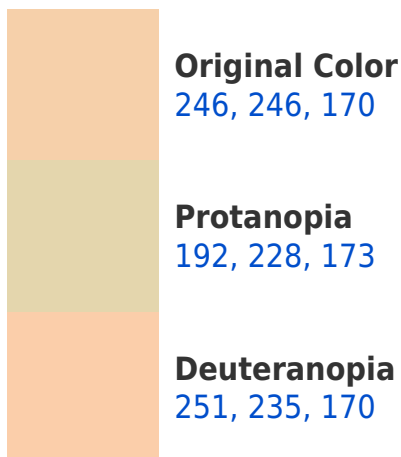


This preview shows how white text looks on a background with the R/Y/B color 246, 246, 170.

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
251, 201, 217

Trichromacy



Original Color

246, 246, 170

Protanomaly

208, 235, 172

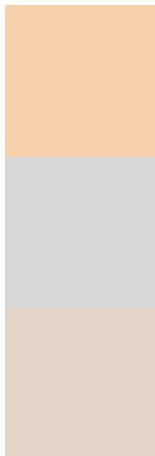
Deuteranomaly

249, 240, 170

Tritanomaly

249, 204, 200

Monochromacy



Original Color

246, 246, 170

Achromatopsia

215, 215, 215

Achromatomaly

226, 224, 199

CSS Examples

Text

The CSS property to change the color of the text to RYB 246, 246, 170 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(246, 208, 170)` looks like.

```
.text, #text, p{  
    color:rgb(246, 208, 170)  
}
```

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(246, 208, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 208, 170) }
```

Border

The CSS property to change the border of an element to RYB 246, 246, 170 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(246, 208, 170) }
```

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

```
.border{ border-color:rgb(246, 208, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 208, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 208, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 208, 170); box-shadow:4px 4px 4px 4px rgb(246, 208, 170) }
```

Background

The CSS property to change the background color of an element to RYB 246, 246, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 208, 170) }
```

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

```
.background{ background-color: rgb(246,  
208, 170) }
```

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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