

Converting Colors

`RYB(246, 199, 170)`

Have a look what the booklet for
RYB(246, 199, 170) contains.

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Color

R_YB(246, 199, 170)

Conversions

Conversions Part 1

Format	Color
Hex	F6BFAA
RGB	246, 191, 170
RGB Percent	96%, 75%, 67%
CMY	0.0353, 0.2510, 0.3333
CMYK	0.00, 0.22, 0.31, 0.04
HSL	17°, 81%, 82%
HSV	17°, 31%, 96%
XYZ	63.8905, 59.7526, 46.1962
YIQ	205.0510, 39.5210, 5.1290

Conversions

Conversions Part 2

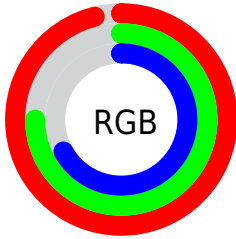
Format	Color
R _{YB}	246, 199, 170
Decimal	16170922
CIE _{Lab}	81.70, 16.86, 18.17
CIE _{LCh}	82, 24.787, 47.144
Yxy	59.7526, 0.3762, 0.3518
Android (android.graphics.Color)	4294361002 (0xFFFF6BFAA)
YUV	205.0510, -17.2801, 35.9123
Hunter-Lab	77.2998, 12.2607, 18.6767

Details

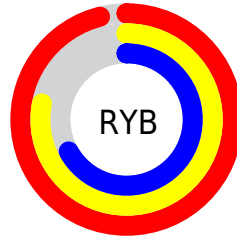
The RYB color **246, 199, 170** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **170, 202, 246**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **236, 255, 225**, and **188, 144, 118** is the 20% darker color. If you saturate the color by 10%, you get **246, 184, 145**, and if you desaturate by 10%, it is **246, 214, 195**.

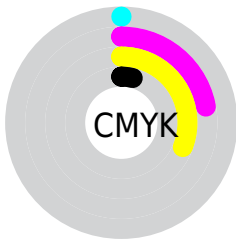
Distribution



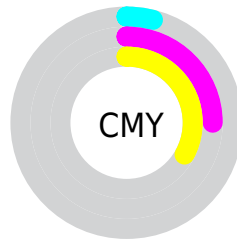
- Red (96%)
- Green (75%)
- Blue (67%)



- Red (96%)
- Yellow (78%)
- Blue (67%)



- Cyan (0%)
- Magenta (22%)
- Yellow (31%)
- Black (4%)




- Cyan (4%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 246, 199, 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, 199, 170 by changing the saturation by 10% instead.


 246, 199, 170

255, 255, 255


 236, 255, 225

254, 255, 254

 246, 199, 170


 217, 172, 143

 188, 144, 118

 161, 119, 93

 133, 94, 69

 107, 71, 47

 81, 47, 26

 57, 31, 0

 34, 0, 0

 0, 0, 0

■ 246, 199, 170

■ 246, 199, 170

■ 246, 184, 145

■ 246, 214, 195

■ 246, 168, 121

■ 246, 230, 219

■ 246, 154, 96

■ 246, 244, 244

■ 246, 138, 72

■ 246, 251, 255

■ 246, 123, 47

■ 246, 108, 22

■ 246, 94, 0

Harmonies

Analogous

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



251, 187, 190



246, 199, 170



216, 230, 158

Triad

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



246, 199, 170



155, 193, 216



194, 200, 247

Complementary

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



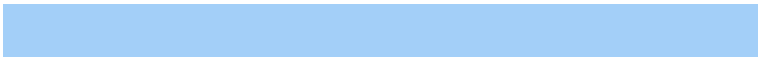
246, 199, 170



170, 202, 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.



163, 192, 248



246, 199, 170



139, 178, 216

Square

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



246, 199, 170



171, 212, 203



142, 183, 236



223, 193, 235

Rectangle

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



246, 199, 170



172, 215, 157



142, 183, 236



183, 198, 249

Sweetspot

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



246, 199, 170



255, 240, 232



246, 170, 226



128, 118, 113



0, 0, 0



128, 128, 128

Same Dimension

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



246, 199, 170



255, 197, 161



194, 246, 170



122, 116, 110



186, 70, 0



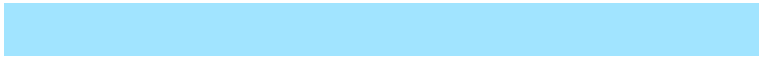
59, 22, 0

Inverse Universe

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



170, 202, 246



161, 200, 255



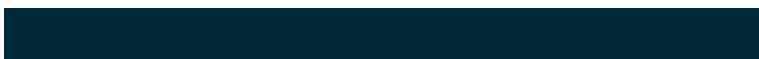
170, 185, 246



110, 115, 122



0, 78, 186



0, 25, 59

Previews

White Background



This preview shows how the RYB color 246, 199, 170 looks on a white background.

Color Contrast Check

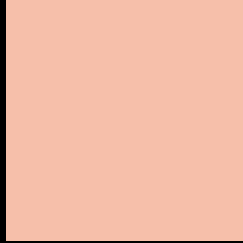
Large Text (above 18pt) WCAG AA × Fail

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, 199, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

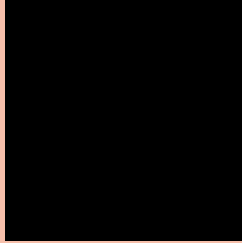
Any Text WCAG AA ✓ Pass

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](#).

RYB 246, 199, 170 Background



This preview shows how black text looks on a background with the RYB color 246, 199, 170.

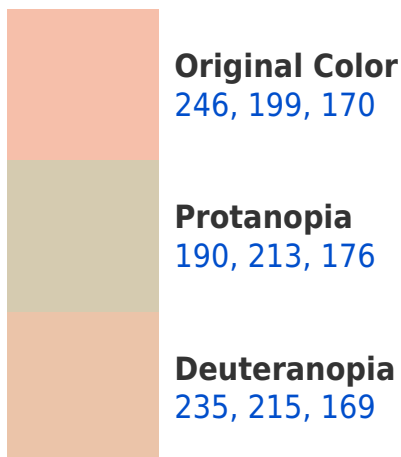



This preview shows how white text looks on a background with the RYB color 246, 199, 170.

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](#).

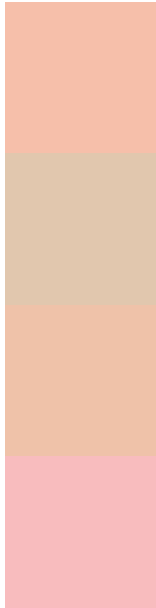
Dichromacy





Tritanopia
249, 187, 201

Trichromacy



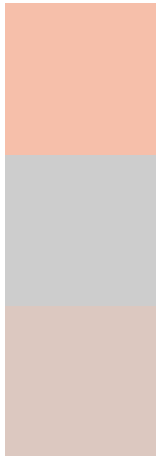
Original Color
246, 199, 170

Protanomaly
225, 223, 174

Deuteranomaly
239, 208, 169

Tritanomaly
248, 188, 190

Monochromacy



Original Color
246, 199, 170

Achromatopsia
205, 205, 205

Achromatomaly
220, 203, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 246, 199, 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, 191, 170)` looks like.

```
.text, #text, p{  
    color:rgb(246, 191, 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, 191, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 191, 170) }
```

Border

The CSS property to change the border of an element to RYB 246, 199, 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, 191, 170) }
```

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

```
.border{ border-color:rgb(246, 191, 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, 191, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 191, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 191, 170);  
box-shadow:4px 4px 4px 4px rgb(246, 191,  
170) }
```

Background

The CSS property to change the background color of an element to RYB 246, 199, 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, 191, 170) }
```

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

```
.background{ background-color: rgb(246,  
191, 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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