

Converting Colors

`RYB(255, 222, 132)`

Have a look what the booklet for
RYB(255, 222, 132) contains.

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Color

R_YB(255, 222, 132)

Conversions

Conversions Part 1

Format	Color
Hex	FFB884
RGB	255, 184, 132
RGB Percent	100%, 72%, 52%
CMY	0.0000, 0.2785, 0.4824
CMYK	0.00, 0.28, 0.48, 0.00
HSL	25°, 100%, 76%
HSV	25°, 48%, 100%
XYZ	62.5395, 57.1952, 29.5734
YIQ	199.3010, 59.0080, -1.1200

Conversions

Conversions Part 2

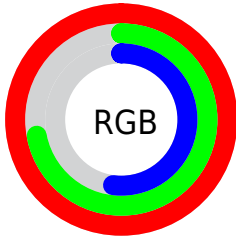
Format	Color
R _Y B	255, 222, 132
Decimal	16758916
CIE Lab	80.29, 19.85, 36.49
CIE LCh	80, 41.541, 61.462
Yxy	57.1952, 0.4189, 0.3831
Android (android.graphics.Color)	4294948996 (0xFFFFB884)
YUV	199.3010, -33.1794, 48.8480
Hunter-Lab	75.6275, 15.2608, 29.7545

Details

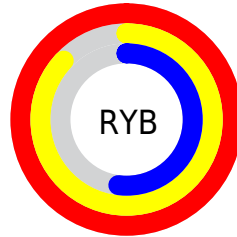
The RYB color **255, 222, 132** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **132, 177, 255**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **205, 255, 186**, and **196, 168, 82** is the 20% darker color. If you saturate the color by 10%, you get **255, 214, 107**, and if you desaturate by 10%, it is **255, 229, 158**.

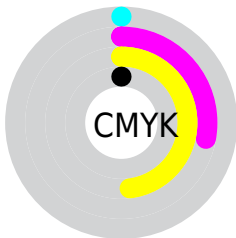
Distribution



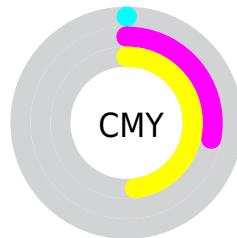
- Red (100%)
- Green (72%)
- Blue (52%)



- Red (100%)
- Yellow (87%)
- Blue (52%)



- Cyan (0%)
- Magenta (28%)
- Yellow (48%)
- Black (0%)



- Cyan (0%)
- Magenta (28%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 222, 132 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 255, 222, 132 by changing the saturation by 10% instead.

 255, 222, 132

 255, 222, 132

255, 255, 255

 225, 195, 106

 205, 255, 186

 196, 168, 82

 214, 255, 214

 167, 141, 58

 242, 255, 242

 138, 120, 34

 110, 100, 11

 84, 60, 0

 57, 19, 0

 34, 0, 1

 0, 0, 0

■ 255, 222, 132

■ 255, 222, 132

■ 255, 214, 107

■ 255, 229, 158

■ 255, 210, 81

■ 255, 234, 183

■ 255, 201, 56

■ 255, 241, 209

■ 255, 194, 30

■ 255, 250, 234

■ 255, 186, 5

255, 255, 255

■ 255, 187, 0

Harmonies

Analogous

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



255, 175, 161



255, 222, 132



156, 223, 121

Triad

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



255, 222, 132



84, 157, 220



206, 188, 255

Complementary

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



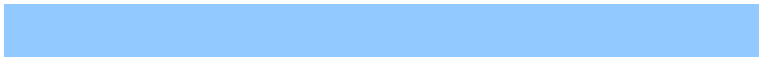
255, 222, 132



132, 177, 255

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.



146, 183, 255



255, 222, 132



39, 134, 238

Square

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



255, 222, 132



136, 198, 217



79, 155, 255



250, 175, 237

Rectangle

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



255, 222, 132



126, 205, 134



79, 155, 255



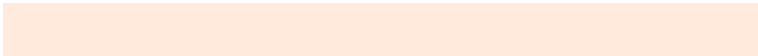
188, 193, 255

Sweetspot

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



255, 222, 132



255, 245, 219



255, 132, 204



128, 121, 106



0, 0, 0



128, 128, 128

Same Dimension

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



255, 222, 132



255, 217, 107



143, 255, 132



128, 123, 115



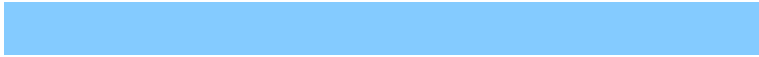
191, 141, 0



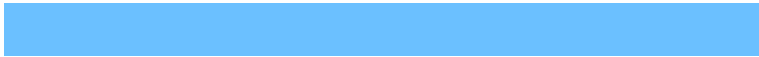
64, 47, 0

Inverse Universe

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



132, 177, 255



107, 161, 255



132, 141, 255



115, 120, 128



0, 70, 191



0, 23, 64

Previews

White Background



This preview shows how the RYB color 255, 222, 132 looks on a white background.

Color Contrast Check

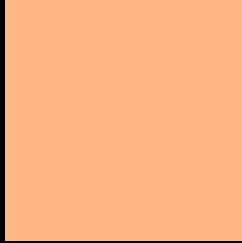
Large Text (above 18pt) WCAG AA × Fail

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 255, 222, 132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

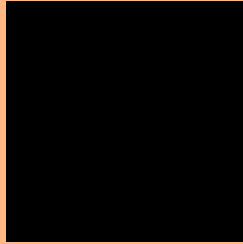
Any Text WCAG AA ✓ Pass

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 255, 222, 132 Background



This preview shows how black text looks on a background with the RYB color 255, 222, 132.

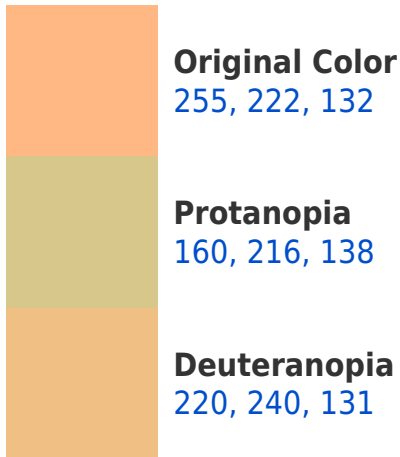



This preview shows how white text looks on a background with the RYB color 255, 222, 132.

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
255, 179, 191

Trichromacy



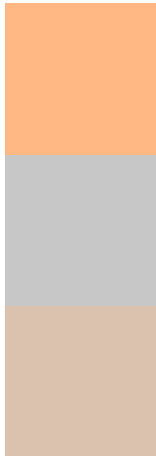
Original Color
255, 222, 132

Protanomaly
194, 230, 136

Deuteranomaly
245, 245, 131

Tritanomaly
255, 183, 170

Monochromacy



Original Color
255, 222, 132

Achromatopsia
199, 199, 199

Achromatomaly
219, 208, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 222, 132 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(255, 184, 132)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 132)  
}
```

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(255, 184, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 132) }
```

Border

The CSS property to change the border of an element to RYB 255, 222, 132 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(255, 184, 132) }
```

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

```
.border{ border-color:rgb(255, 184, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 184, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 184, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 184, 132); box-shadow:4px 4px 4px 4px rgb(255, 184, 132) }
```

Background

The CSS property to change the background color of an element to RGB 255, 222, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 132) }
```

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

```
.background{ background-color: rgb(255,  
184, 132) }
```

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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