

Converting Colors

RGB(255, 202, 129)

Have a look what the booklet for
RGB(255, 202, 129) contains.

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Color

RGB(255, 202, 129)

Conversions

Conversions Part 1

Format	Color
Hex	FFCA81
RGB	255, 202, 129
RGB Percent	100%, 79%, 51%
CMY	0.0000, 0.2078, 0.4941
CMYK	0.00, 0.21, 0.49, 0.00
HSL	35°, 100%, 75%
HSV	35°, 49%, 100%
XYZ	66.3230, 65.0860, 29.8361
YIQ	209.5250, 55.0210, -11.4670

Conversions

Conversions Part 2

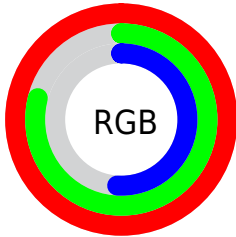
Format	Color
R _Y B	220, 255, 129
Decimal	16763521
CIE Lab	84.53, 10.17, 43.42
CIE LCh	85, 44.596, 76.812
Yxy	65.0860, 0.4113, 0.4036
Android (android.graphics.Color)	4294953601 (0xFFFFCA81)
YUV	209.5250, -39.6988, 39.8816
Hunter-Lab	80.6759, 5.5605, 34.5461

Details

The RGB color **255, 202, 129** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **129, 182, 255**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **255, 255, 183**, and **196, 148, 78** is the 20% darker color. If you saturate the color by 10%, you get **255, 191, 104**, and if you desaturate by 10%, it is **255, 213, 155**.

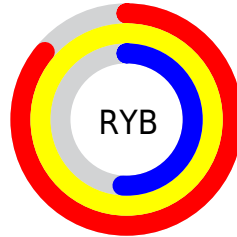
Distribution



Red (100%)

Green (79%)

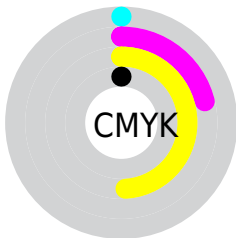
Blue (51%)



Red (86%)

Yellow (100%)

Blue (51%)

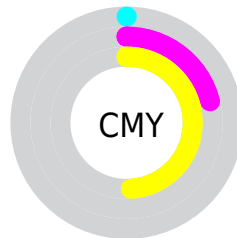


Cyan (0%)

Magenta (21%)

Yellow (49%)

Black (0%)



Cyan (0%)

Magenta (21%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 202, 129 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 RGB color 255, 202, 129 by changing the saturation by 10% instead.

 255, 202, 129

 255, 202, 129

255, 255, 255

 225, 175, 103

 255, 255, 183

 196, 148, 78

 255, 255, 211

 167, 122, 53

 255, 255, 240

 139, 98, 29

 111, 74, 1

 85, 51, 0

 58, 30, 0

 34, 8, 0

 0, 0, 0

■ 255, 202, 129

■ 255, 202, 129

■ 255, 191, 104

■ 255, 213, 155

■ 255, 181, 78

■ 255, 223, 180

■ 255, 170, 53

■ 255, 234, 206

■ 255, 159, 27

■ 255, 245, 231

■ 255, 148, 2

255, 255, 255

■ 255, 148, 0

Harmonies

Analogous

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



255, 188, 151



255, 202, 129



215, 216, 129

Triad

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



255, 202, 129



48, 233, 234



245, 191, 255

Complementary

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



255, 202, 129



129, 182, 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.



188, 207, 255



255, 202, 129



36, 230, 255

Square

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



255, 202, 129



113, 232, 190



116, 221, 255



255, 180, 231

Rectangle

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



255, 202, 129



184, 223, 142



116, 221, 255



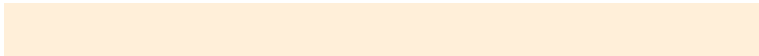
228, 197, 255

Sweetspot

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



255, 202, 129



255, 239, 217



255, 129, 184



128, 118, 105



0, 0, 0



128, 128, 128

Same Dimension

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



255, 202, 129



255, 192, 105



247, 255, 129



128, 122, 115



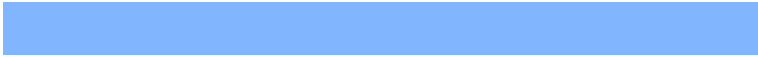
191, 111, 0



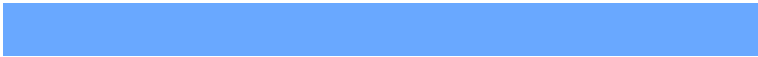
64, 37, 0

Inverse Universe

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



129, 182, 255



105, 168, 255



137, 129, 255



115, 120, 128



0, 80, 191



0, 27, 64

Previews

White Background



This preview shows how the RGB color 255, 202, 129 looks on a white background.

Color Contrast Check

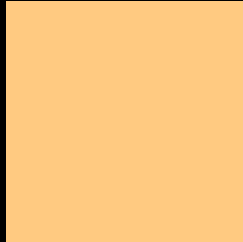
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 255, 202, 129 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](#).

RGB 255, 202, 129 Background



This preview shows how black text looks on a background with the RGB color 255, 202, 129.



This preview shows how white text looks on a background with the RGB color 255, 202, 129.

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
255, 202, 129

Protanopia
230, 211, 133

Deuteranopia
255, 202, 131



Tritanopia
255, 195, 208

Trichromacy



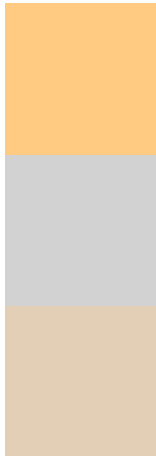
Original Color
255, 202, 129

Protanomaly
239, 208, 132

Deuteranomaly
255, 202, 130

Tritanomaly
255, 198, 179

Monochromacy



Original Color
255, 202, 129

Achromatopsia
210, 210, 210

Achromatomaly
226, 207, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 202, 129 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, 202, 129)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 129)  
}
```

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, 202, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 129) }
```

Border

The CSS property to change the border of an element to RGB 255, 202, 129 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, 202, 129) }
```

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

```
.border{ border-color:rgb(255, 202, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 202, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 129);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
129) }
```

Background

The CSS property to change the background color of an element to RGB 255, 202, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 129) }
```

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

```
.background{ background-color: rgb(255,  
202, 129) }
```

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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