

Converting Colors

RGB(255, 196, 108)

Have a look what the booklet for
RGB(255, 196, 108) contains.

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Color

RGB(255, 196, 108)

Conversions

Conversions Part 1

Format	Color
Hex	FFC46C
RGB	255, 196, 108
RGB Percent	100%, 77%, 42%
CMY	0.0000, 0.2314, 0.5765
CMYK	0.00, 0.23, 0.58, 0.00
HSL	36°, 100%, 71%
HSV	36°, 58%, 100%
XYZ	63.6867, 61.8226, 22.7637
YIQ	203.6090, 63.4120, -14.8600

Conversions

Conversions Part 2

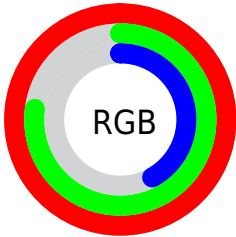
Format	Color
R_{YB}	207, 255, 108
Decimal	16761964
CIE _{Lab}	82.82, 11.59, 51.68
CIE _{LCh}	83, 52.958, 77.364
Yxy	61.8226, 0.4295, 0.4170
Android (android.graphics.Color)	4294952044 (0xFFFFC46C)
YUV	203.6090, -47.1352, 45.0699
Hunter-Lab	78.6273, 6.9839, 37.8739

Details

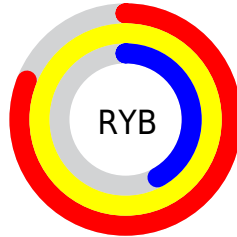
The RGB color **255, 196, 108** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **108, 167, 255**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **255, 252, 161**, and **195, 142, 57** is the 20% darker color. If you saturate the color by 10%, you get **255, 186, 83**, and if you desaturate by 10%, it is **255, 206, 134**.

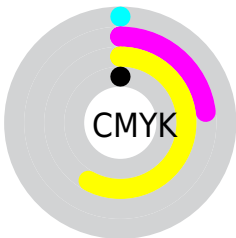
Distribution



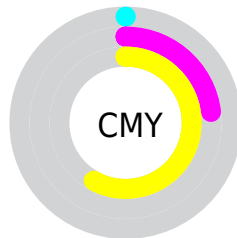
- Red (100%)
- Green (77%)
- Blue (42%)



- Red (81%)
- Yellow (100%)
- Blue (42%)



- Cyan (0%)
- Magenta (23%)
- Yellow (58%)
- Black (0%)



















- Cyan (0%)
- Magenta (23%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 196, 108 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, 196, 108 by changing the saturation by 10% instead.

 255, 196, 108	 255, 196, 108
 255, 255, 255	 225, 169, 82
 255, 252, 161	 195, 142, 57
 255, 255, 189	 166, 117, 30
 255, 255, 217	 137, 92, 0
 255, 255, 246	 109, 69, 0
	 82, 47, 0
	 55, 26, 0
	 31, 1, 0
	 0, 0, 0

■ 255, 196, 108

■ 255, 196, 108

■ 255, 186, 83

■ 255, 206, 134

■ 255, 176, 57

■ 255, 216, 159

■ 255, 165, 32

■ 255, 227, 185

■ 255, 155, 6

■ 255, 237, 210

■ 255, 153, 0

■ 255, 247, 236

255, 255, 255

Harmonies

Analogous

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



255, 178, 135



255, 196, 108



208, 212, 108

Triad

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



255, 196, 108



0, 232, 234



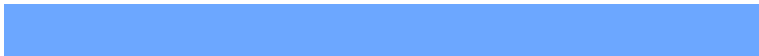
247, 182, 255

Complementary

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



255, 196, 108



108, 167, 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.



177, 201, 255



255, 196, 108



0, 228, 255

Square

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



255, 196, 108



75, 231, 183



69, 217, 255



255, 168, 229

Rectangle

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



255, 196, 108



172, 221, 125



69, 217, 255



227, 188, 255

Sweetspot

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



255, 196, 108



255, 238, 212



255, 108, 169



128, 117, 102



0, 0, 0



128, 128, 128

Same Dimension

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



255, 196, 108



255, 184, 79



243, 255, 108



128, 122, 115



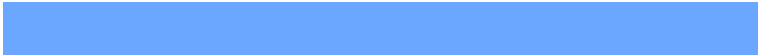
191, 114, 0



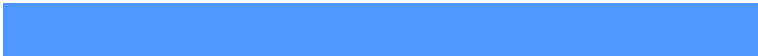
64, 38, 0

Inverse Universe

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



108, 167, 255



79, 150, 255



120, 108, 255



115, 120, 128



0, 77, 191



0, 26, 64

Previews

White Background



This preview shows how the RGB color 255, 196, 108 looks on a white background.

Color Contrast Check

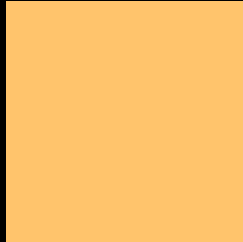
Large Text (above 18pt) WCAG AA × Fail

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, 196, 108 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, 196, 108 Background



This preview shows how black text looks on a background with the RGB color 255, 196, 108.



This preview shows how white text looks on a background with the RGB color 255, 196, 108.

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, 196, 108

Protanopia
227, 207, 112

Deuteranopia
253, 197, 108



Tritanopia
255, 189, 201

Trichromacy



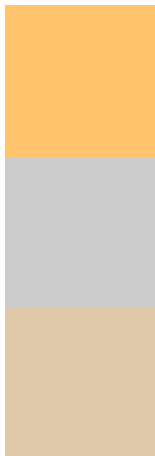
Original Color
255, 196, 108

Protanomaly
237, 203, 111

Deuteranomaly
254, 197, 108

Tritanomaly
255, 192, 167

Monochromacy



Original Color
255, 196, 108

Achromatopsia
204, 204, 204

Achromatomaly
223, 201, 169

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 196, 108 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, 196, 108)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 108)  
}
```

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, 196, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 108) }
```

Border

The CSS property to change the border of an element to RGB 255, 196, 108 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, 196, 108) }
```

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

```
.border{ border-color:rgb(255, 196, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 196, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 108);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
108) }
```

Background

The CSS property to change the background color of an element to RGB 255, 196, 108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 108) }
```

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

```
.background{ background-color: rgb(255,  
196, 108) }
```

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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