

Converting Colors

RGB(255, 228, 122)

Have a look what the booklet for
RGB(255, 228, 122) contains.

RGB(255, 228, 122)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(255, 228, 122)

Conversions

Conversions Part 1

Format	Color
Hex	FFE47A
RGB	255, 228, 122
RGB Percent	100%, 89%, 48%
CMY	0.0000, 0.1059, 0.5216
CMYK	0.00, 0.11, 0.52, 0.00
HSL	48°, 100%, 74%
HSV	48°, 52%, 100%
XYZ	72.4963, 78.1519, 29.6762
YIQ	223.9890, 50.1180, -27.2420

Conversions

Conversions Part 2

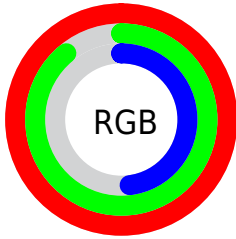
Format	Color
R_{YB}	156, 255, 122
Decimal	16770170
CIE _{Lab}	90.85, -3.72, 54.55
CIE _{LCh}	91, 54.677, 93.900
Yxy	78.1519, 0.4020, 0.4334
Android (android.graphics.Color)	4294960250 (0xFFFFE47A)
YUV	223.9890, -50.2806, 27.1966
Hunter-Lab	88.4036, -8.3256, 41.9794

Details

The RGB color **255, 228, 122** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **122, 149, 255**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **255, 255, 177**, and **196, 173, 69** is the 20% darker color. If you saturate the color by 10%, you get **255, 223, 97**, and if you desaturate by 10%, it is **255, 233, 148**.

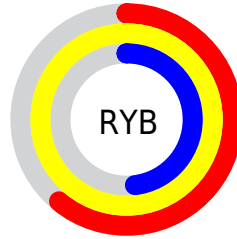
Distribution



Red (100%)

Green (89%)

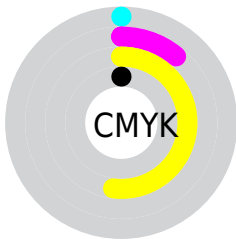
Blue (48%)



Red (61%)

Yellow (100%)

Blue (48%)

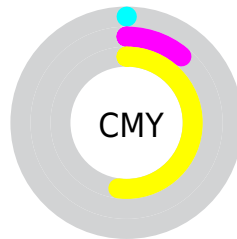


Cyan (0%)

Magenta (11%)

Yellow (52%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the RGB color 255, 228, 122 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, 228, 122 by changing the saturation by 10% instead.

 255, 228, 122

 255, 228, 122

255, 255, 255

 225, 200, 96


 255, 255, 177

 196, 173, 69

 255, 255, 205

 167, 146, 43

 255, 255, 234

 139, 121, 10

 111, 96, 0

 85, 73, 0

 58, 51, 0

 33, 30, 0

 0, 6, 0

■ 255, 228, 122

■ 255, 228, 122

■ 255, 223, 97

■ 255, 233, 148

■ 255, 218, 71

■ 255, 238, 173

■ 255, 212, 46

■ 255, 244, 199

■ 255, 207, 20

■ 255, 249, 224

■ 255, 203, 0

■ 255, 254, 250

255, 255, 255

Harmonies

Analogous

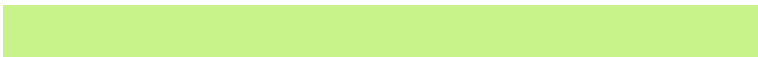
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 210, 135



255, 228, 122



200, 243, 139

Triad

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



255, 228, 122



0, 254, 255



255, 194, 255

Complementary

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



255, 228, 122



122, 149, 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.



243, 213, 255



255, 228, 122



0, 246, 255

Square

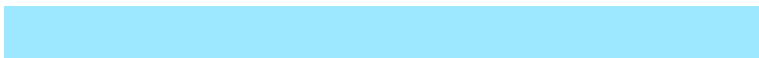
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



255, 228, 122



0, 255, 234



158, 232, 255



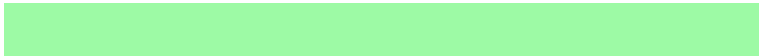
255, 186, 224

Rectangle

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



255, 228, 122



157, 250, 165



158, 232, 255



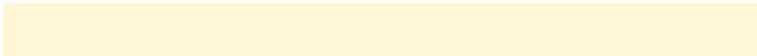
255, 200, 255

Sweetspot

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



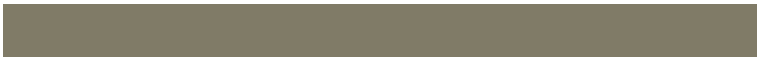
255, 228, 122



255, 247, 214



255, 122, 151



128, 123, 103



0, 0, 0



128, 128, 128

Same Dimension

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



255, 228, 122



255, 222, 94



217, 255, 122



128, 125, 115



191, 152, 0



64, 51, 0

Inverse Universe

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



122, 149, 255



94, 127, 255



160, 122, 255



115, 117, 128



0, 39, 191



0, 13, 64

Previews

White Background



This preview shows how the RGB color 255, 228, 122 looks on a white background.

Color Contrast Check

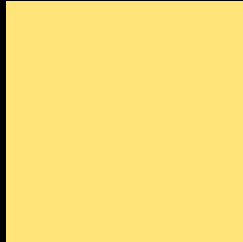
Large Text (above 18pt) WCAG AA × Fail

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, 228, 122 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, 228, 122 Background



This preview shows how black text looks on a background with the RGB color 255, 228, 122.



This preview shows how white text looks on a background with the RGB color 255, 228, 122.

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, 228, 122

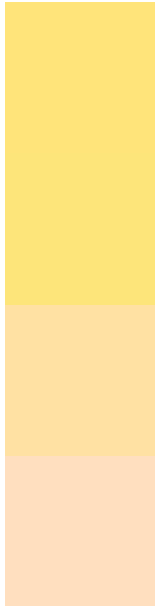
Protanopia
252, 229, 122

Deuteranopia
255, 224, 187



Tritanopia
255, 220, 231

Trichromacy



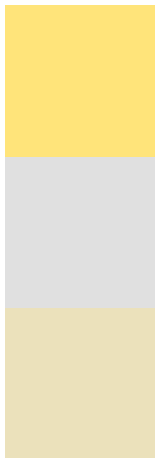
Original Color
255, 228, 122

Protanomaly
253, 229, 122

Deuteranomaly
255, 225, 163

Tritanomaly
255, 223, 191

Monochromacy



Original Color
255, 228, 122

Achromatopsia
224, 224, 224

Achromatomaly
235, 225, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 228, 122 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, 228, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 122)  
}
```

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, 228, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 122) }
```

Border

The CSS property to change the border of an element to RGB 255, 228, 122 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, 228, 122) }
```

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

```
.border{ border-color:rgb(255, 228, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 228, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
122) }
```

Background

The CSS property to change the background color of an element to RGB 255, 228, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 122) }
```

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

```
.background{ background-color: rgb(255,  
228, 122) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor