

Converting Colors

RGB(255, 221, 153)

Have a look what the booklet for
RGB(255, 221, 153) contains.

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Color

RGB(255, 221, 153)

Conversions

Conversions Part 1

Format	Color
Hex	FFDD99
RGB	255, 221, 153
RGB Percent	100%, 87%, 60%
CMY	0.0000, 0.1333, 0.4000
CMYK	0.00, 0.13, 0.40, 0.00
HSL	40°, 100%, 80%
HSV	40°, 40%, 100%
XYZ	72.8462, 75.2728, 40.8267
YIQ	223.4140, 42.0920, -13.9400

Conversions

Conversions Part 2

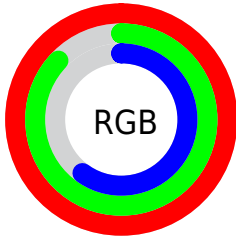
Format	Color
R _Y B	204, 255, 153
Decimal	16768409
CIE Lab	89.52, 2.74, 37.71
CIE LCh	90, 37.812, 85.842
Yxy	75.2728, 0.3855, 0.3984
Android (android.graphics.Color)	4294958489 (0xFFFFDD99)
YUV	223.4140, -34.7141, 27.7009
Hunter-Lab	86.7599, -1.9559, 32.8318

Details

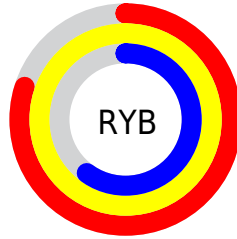
The RGB color **255, 221, 153** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **153, 187, 255**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **255, 255, 208**, and **197, 166, 101** is the 20% darker color. If you saturate the color by 10%, you get **255, 213, 128**, and if you desaturate by 10%, it is **255, 230, 179**.

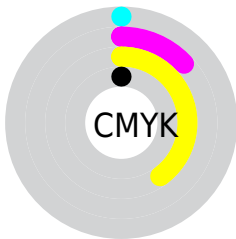
Distribution



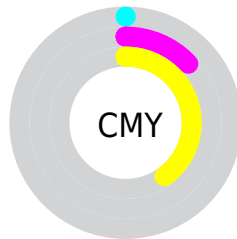
- Red (100%)
- Green (87%)
- Blue (60%)



- Red (80%)
- Yellow (100%)
- Blue (60%)



- Cyan (0%)
- Magenta (13%)
- Yellow (40%)
- Black (0%)



- Cyan (0%)
- Magenta (13%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 221, 153 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, 221, 153 by changing the saturation by 10% instead.


 255, 221, 153

 255, 221, 153


255, 255, 255


 226, 193, 127

 255, 255, 208

 197, 166, 101

 255, 255, 236

 168, 140, 76

 141, 114, 52

 114, 90, 28

 88, 67, 2

 63, 45, 0

 38, 24, 0

 2, 0, 0

■ 255, 221, 153

■ 255, 221, 153

■ 255, 213, 128

■ 255, 230, 179

■ 255, 204, 102

■ 255, 238, 204

■ 255, 196, 77

■ 255, 247, 230

■ 255, 187, 51

255, 255, 255

■ 255, 179, 25

■ 255, 170, 0

Harmonies

Analogous

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



255, 209, 167



255, 221, 153



218, 232, 159

Triad

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



255, 221, 153



108, 244, 255



255, 205, 255

Complementary

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



255, 221, 153



153, 187, 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.



223, 218, 255



255, 221, 153



122, 239, 255

Square

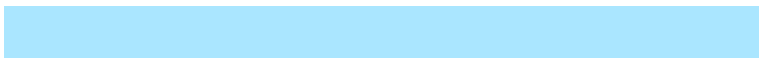
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



255, 221, 153



135, 245, 219



170, 230, 255



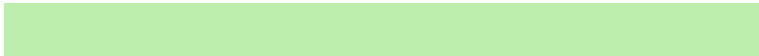
255, 198, 232

Rectangle

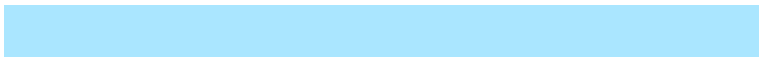
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



255, 221, 153



190, 238, 174



170, 230, 255



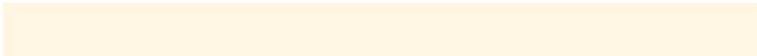
254, 209, 255

Sweetspot

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



255, 221, 153



255, 245, 224



255, 153, 187



128, 122, 110



0, 0, 0



128, 128, 128

Same Dimension

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



255, 221, 153



255, 214, 133



238, 255, 153



128, 123, 115



191, 128, 0



64, 43, 0

Inverse Universe

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



153, 187, 255



133, 173, 255



170, 153, 255



115, 119, 128



0, 64, 191



0, 21, 64

Previews

White Background



This preview shows how the RGB color 255, 221, 153 looks on a white background.

Color Contrast Check

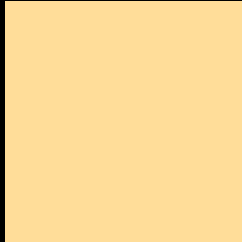
Large Text (above 18pt) WCAG AA × Fail

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, 221, 153 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, 221, 153 Background



This preview shows how black text looks on a background with the RGB color 255, 221, 153.

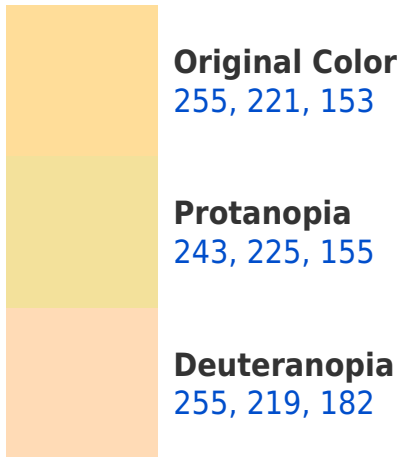



This preview shows how white text looks on a background with the RGB color 255, 221, 153.

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](#).

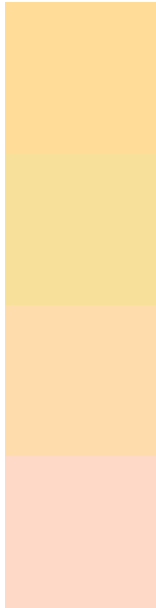
Dichromacy





Tritanopia
255, 215, 227

Trichromacy



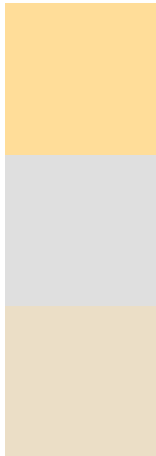
Original Color
255, 221, 153

Protanomaly
247, 224, 154

Deuteranomaly
255, 220, 171

Tritanomaly
255, 217, 200

Monochromacy



Original Color
255, 221, 153

Achromatopsia
223, 223, 223

Achromatomaly
235, 222, 198

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 221, 153 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, 221, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 153)  
}
```

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, 221, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 153) }
```

Border

The CSS property to change the border of an element to RGB 255, 221, 153 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, 221, 153) }
```

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

```
.border{ border-color:rgb(255, 221, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
153) }
```

Background

The CSS property to change the background color of an element to RGB 255, 221, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 153) }
```

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

```
.background{ background-color: rgb(255,  
221, 153) }
```

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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