

Converting Colors

`RYB(255, 201, 121)`

Have a look what the booklet for
RYB(255, 201, 121) contains.

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Color

R_YB(255, 201, 121)

Conversions

Conversions Part 1

Format	Color
Hex	FFAB79
RGB	255, 171, 121
RGB Percent	100%, 67%, 47%
CMY	0.0000, 0.3290, 0.5255
CMYK	0.00, 0.33, 0.53, 0.00
HSL	22°, 100%, 74%
HSV	22°, 53%, 100%
XYZ	59.2718, 51.8016, 24.9639
YIQ	190.4160, 66.1140, 2.2580

Conversions

Conversions Part 2

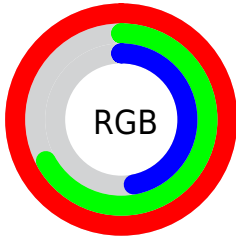
Format	Color
RYB	255, 201, 121
Decimal	16755577
CIELab	77.16, 25.62, 38.22
CIELCh	77, 46.006, 56.167
Yxy	51.8016, 0.4357, 0.3808
Android (android.graphics.Color)	4294945657 (0xFFFFAB79)
YUV	190.4160, -34.2221, 56.6402
Hunter-Lab	71.9733, 21.0457, 29.8166

Details

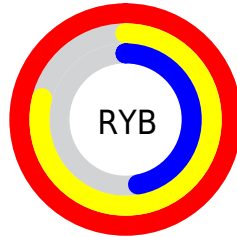
The RYB color **255, 201, 121** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **121, 173, 255**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **217, 255, 174**, and **195, 147, 71** is the 20% darker color. If you saturate the color by 10%, you get **255, 190, 96**, and if you desaturate by 10%, it is **255, 211, 147**.

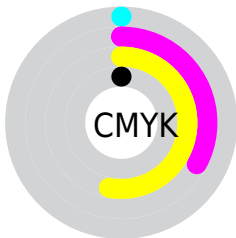
Distribution



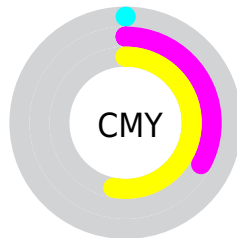
- Red (100%)
- Green (67%)
- Blue (47%)



- Red (100%)
- Yellow (79%)
- Blue (47%)



- Cyan (0%)
- Magenta (33%)
- Yellow (53%)
- Black (0%)

















- Cyan (0%)
- Magenta (33%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 201, 121 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, 201, 121 by changing the saturation by 10% instead.

 255, 201, 121	 255, 201, 121
255, 255, 255	 225, 172, 96
 217, 255, 174	 195, 147, 71
 202, 255, 202	 166, 121, 48
 230, 255, 230	 137, 99, 24
	 109, 80, 0
	 81, 32, 0
	 54, 1, 0
	 26, 0, 1
	 0, 0, 0

255, 201, 121

255, 201, 121

255, 190, 96

255, 211, 147

255, 180, 70

255, 221, 172

255, 170, 44

255, 232, 197

255, 159, 19

255, 242, 223

255, 151, 0

255, 252, 249

255, 255, 255

Harmonies

Analogous

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



255, 159, 155



255, 201, 121



156, 222, 104

Triad

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



255, 201, 121



61, 145, 213



187, 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, 201, 121



121, 173, 255

Split Complementary

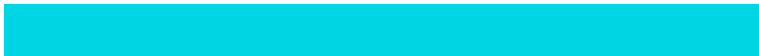
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



113, 166, 255



255, 201, 121



0, 110, 227

Square

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



255, 201, 121



129, 197, 208



0, 114, 255



239, 166, 239

Rectangle

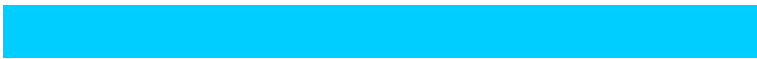
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



255, 201, 121



107, 195, 107



0, 114, 255



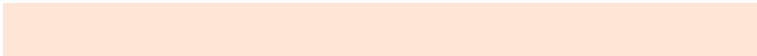
165, 183, 255

Sweetspot

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



255, 201, 121



255, 238, 214



255, 121, 206



128, 117, 103



0, 0, 0



128, 128, 128

Same Dimension

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



255, 201, 121



255, 190, 94



142, 255, 121



128, 123, 115



191, 113, 0



64, 38, 0

Inverse Universe

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



121, 173, 255



94, 156, 255



121, 137, 255



115, 120, 128



0, 74, 191



0, 25, 64

Previews

White Background



This preview shows how the RYB color 255, 201, 121 looks on a white background.

Color Contrast Check

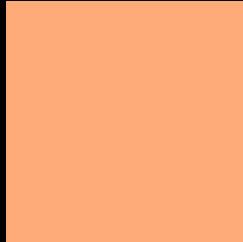
Large Text (above 18pt) WCAG AA × Fail

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, 201, 121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

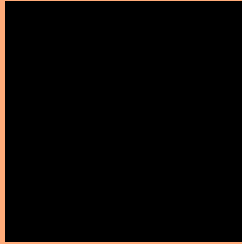
Any Text WCAG AA ✓ Pass

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, 201, 121 Background



This preview shows how black text looks on a background with the RYB color 255, 201, 121.

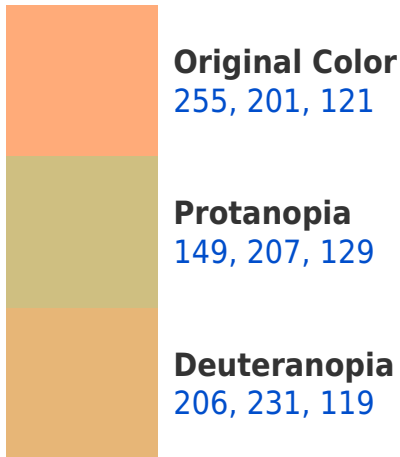



This preview shows how white text looks on a background with the RYB color 255, 201, 121.

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, 166, 177

Trichromacy



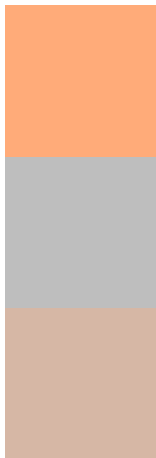
Original Color
255, 201, 121

Protanomaly
194, 224, 126

Deuteranomaly
240, 232, 120

Tritanomaly
255, 169, 157

Monochromacy



Original Color
255, 201, 121

Achromatopsia
190, 190, 190

Achromatomaly
214, 193, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 201, 121 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, 171, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 121)  
}
```

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, 171, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 121) }
```

Border

The CSS property to change the border of an element to RYB 255, 201, 121 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, 171, 121) }
```

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

```
.border{ border-color:rgb(255, 171, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 171, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 121);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
121) }
```

Background

The CSS property to change the background color of an element to RGB 255, 201, 121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 121) }
```

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

```
.background{ background-color: rgb(255,  
171, 121) }
```

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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