

Converting Colors

`RYB(255, 174, 143)`

Have a look what the booklet for
RYB(255, 174, 143) contains.

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Color

R_YB(255, 174, 143)

Conversions

Conversions Part 1

Format	Color
Hex	FFA78F
RGB	255, 167, 143
RGB Percent	100%, 65%, 56%
CMY	0.0000, 0.3440, 0.4392
CMYK	0.00, 0.34, 0.44, 0.00
HSL	13°, 100%, 78%
HSV	13°, 44%, 100%
XYZ	60.0679, 50.9832, 32.6614
YIQ	190.5760, 60.1520, 11.1920

Conversions

Conversions Part 2

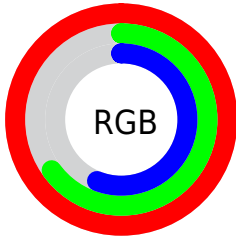
Format	Color
R _Y B	255, 174, 143
Decimal	16754575
CIE _{Lab}	76.67, 29.65, 25.89
CIE _{LCh}	77, 39.360, 41.134
Yxy	50.9832, 0.4180, 0.3548
Android (android.graphics.Color)	4294944655 (0xFFFFA78F)
YUV	190.5760, -23.4550, 56.4998
Hunter-Lab	71.4025, 25.2101, 22.8609

Details

The RYB color **255, 174, 143** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **143, 192, 255**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **255, 244, 197**, and **195, 120, 92** is the 20% darker color. If you saturate the color by 10%, you get **255, 155, 118**, and if you desaturate by 10%, it is **255, 192, 169**.

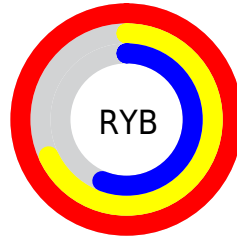
Distribution



Red (100%)

Green (65%)

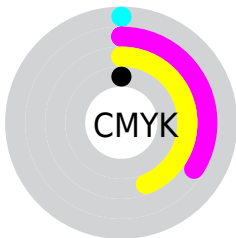
Blue (56%)



Red (100%)

Yellow (68%)

Blue (56%)

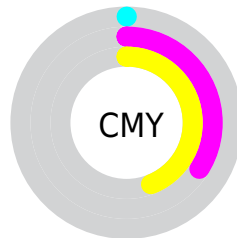


Cyan (0%)

Magenta (34%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (34%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 174, 143 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, 174, 143 by changing the saturation by 10% instead.

 255, 174, 143

 255, 174, 143

255, 255, 255

 225, 146, 117

 255, 244, 197


 195, 120, 92

 228, 255, 225

 166, 94, 69

254, 255, 254

 138, 70, 46

 110, 45, 25

 83, 21, 0

 56, 0, 0

 29, 0, 1

 0, 0, 0

■ 255, 174, 143

■ 255, 174, 143

■ 255, 155, 118

■ 255, 192, 169

■ 255, 137, 92

■ 255, 211, 194

■ 255, 118, 66

■ 255, 229, 220

■ 255, 100, 41

■ 255, 248, 245

■ 255, 81, 16

255, 255, 255

■ 255, 70, 0

Harmonies

Analogous

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



255, 161, 177



255, 174, 143



225, 233, 121

Triad

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



255, 174, 143



115, 175, 207



159, 181, 255

Complementary

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



255, 174, 143



143, 192, 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.



98, 159, 255



255, 174, 143



67, 140, 209

Square

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



255, 174, 143



133, 201, 174



47, 133, 236



211, 175, 244

Rectangle

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



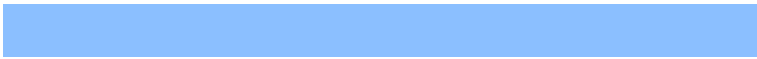
255, 174, 143



150, 212, 116



47, 133, 236



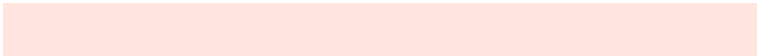
139, 175, 255

Sweetspot

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



255, 174, 143



255, 231, 222



255, 143, 231



128, 114, 107



0, 0, 0



128, 128, 128

Same Dimension

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



255, 174, 143



255, 157, 120



188, 255, 143



128, 119, 115



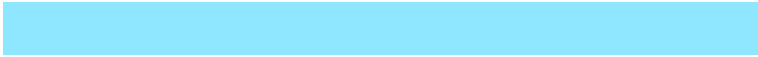
191, 52, 0



64, 18, 0

Inverse Universe

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



143, 192, 255



120, 179, 255



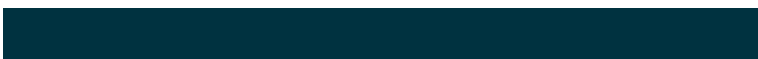
143, 168, 255



115, 121, 128



0, 84, 191



0, 28, 64

Previews

White Background



This preview shows how the RYB color 255, 174, 143 looks on a white background.

Color Contrast Check

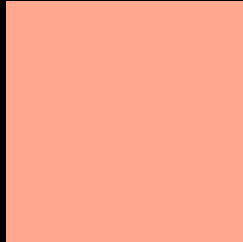
Large Text (above 18pt) WCAG AA × Fail

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, 174, 143 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, 174, 143 Background



This preview shows how black text looks on a background with the RYB color 255, 174, 143.

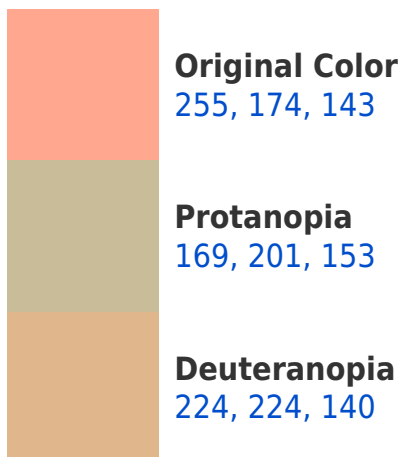


This preview shows how white text looks on a background with the RYB color 255, 174, 143.

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





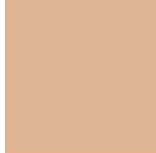
Tritanopia
255, 164, 176

Trichromacy



Original Color

255, 174, 143



Protanomaly

221, 207, 149



Deuteranomaly

235, 199, 141



Tritanomaly

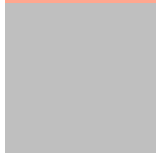
255, 165, 164

Monochromacy



Original Color

255, 174, 143



Achromatopsia

191, 191, 191



Achromatomaly

214, 184, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 174, 143 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, 167, 143) looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 143)  
}
```

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, 167, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 143) }
```

Border

The CSS property to change the border of an element to RYB 255, 174, 143 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, 167, 143) }
```

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

```
.border{ border-color:rgb(255, 167, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 167, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 167, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 167, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 167,  
143) }
```

Background

The CSS property to change the background color of an element to RGB 255, 174, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 167, 143) }
```

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

```
.background{ background-color: rgb(255,  
167, 143) }
```

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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