

Converting Colors

`RYB(255, 183, 150)`

Have a look what the booklet for
RYB(255, 183, 150) contains.

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Color

R_YB(255, 183, 150)

Conversions

Conversions Part 1

Format	Color
Hex	FFAF96
RGB	255, 175, 150
RGB Percent	100%, 69%, 59%
CMY	0.0000, 0.3133, 0.4118
CMYK	0.00, 0.31, 0.41, 0.00
HSL	14°, 100%, 79%
HSV	14°, 41%, 100%
XYZ	62.0962, 54.1643, 36.0361
YIQ	196.0700, 55.7050, 9.1850

Conversions

Conversions Part 2

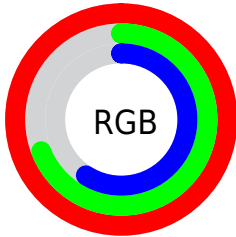
Format	Color
R _Y B	255, 183, 150
Decimal	16756630
CIE Lab	78.56, 26.28, 24.69
CIE LCh	79, 36.058, 43.210
Yxy	54.1643, 0.4077, 0.3557
Android (android.graphics.Color)	4294946710 (0xFFFFAF96)
YUV	196.0700, -22.7125, 51.6816
Hunter-Lab	73.5964, 21.8138, 22.4864

Details

The RYB color **255, 183, 150** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **150, 195, 255**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **249, 255, 204**, and **196, 129, 99** is the 20% darker color. If you saturate the color by 10%, you get **255, 166, 125**, and if you desaturate by 10%, it is **255, 201, 176**.

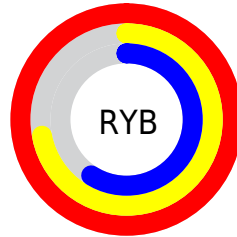
Distribution



Red (100%)

Green (69%)

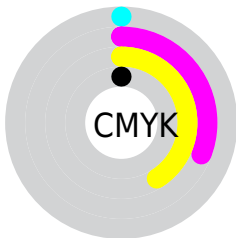
Blue (59%)



Red (100%)

Yellow (72%)

Blue (59%)

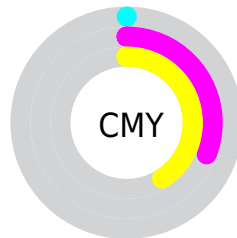


Cyan (0%)

Magenta (31%)

Yellow (41%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 183, 150 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, 183, 150 by changing the saturation by 10% instead.

 255, 183, 150

 255, 183, 150

255, 255, 255

 225, 155, 124


 249, 255, 204

 196, 129, 99

 232, 255, 232

 167, 104, 75

 139, 78, 52

 111, 55, 30

 84, 32, 8

 58, 3, 0

 34, 0, 1

 0, 0, 0

■ 255, 183, 150

■ 255, 183, 150

■ 255, 166, 125

■ 255, 201, 176

■ 255, 148, 99

■ 255, 218, 201

■ 255, 130, 74

■ 255, 235, 227

■ 255, 114, 48

■ 255, 254, 252

■ 255, 95, 23

255, 255, 255

■ 255, 80, 0

Harmonies

Analogous

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



255, 169, 181



255, 183, 150



221, 234, 131

Triad

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



255, 183, 150



125, 180, 211



172, 189, 255

Complementary

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



255, 183, 150



150, 195, 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.



120, 171, 255



255, 183, 150



89, 152, 213

Square

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



255, 183, 150



145, 206, 186



82, 153, 239



217, 181, 243

Rectangle

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



255, 183, 150



155, 214, 127



82, 153, 239



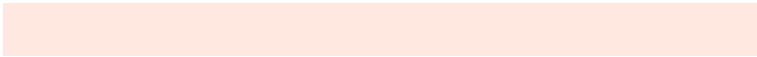
155, 184, 255

Sweetspot

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



255, 183, 150



255, 235, 224



255, 150, 231



128, 115, 110



0, 0, 0



128, 128, 128

Same Dimension

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



255, 183, 150



255, 169, 130



188, 255, 150



128, 119, 115



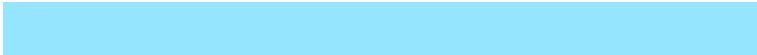
191, 61, 0



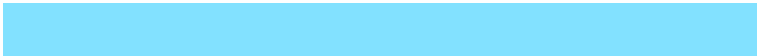
64, 20, 0

Inverse Universe

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



150, 195, 255



130, 184, 255



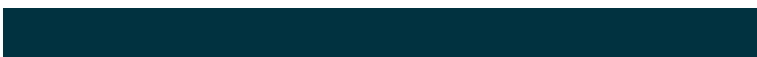
150, 172, 255



115, 120, 128



0, 83, 191



0, 28, 64

Previews

White Background



This preview shows how the RYB color 255, 183, 150 looks on a white background.

Color Contrast Check

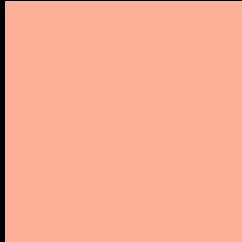
Large Text (above 18pt) WCAG AA × Fail

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, 183, 150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

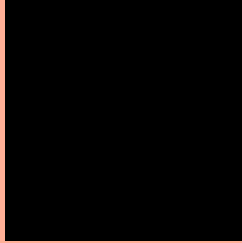
Any Text WCAG AA ✓ Pass

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, 183, 150 Background



This preview shows how black text looks on a background with the RYB color 255, 183, 150.

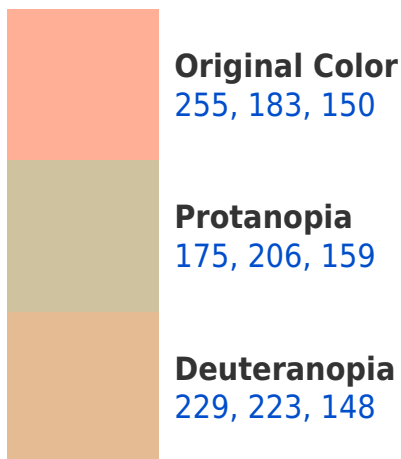


This preview shows how white text looks on a background with the RYB color 255, 183, 150.

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





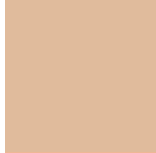
Tritanopia
255, 172, 184

Trichromacy



Original Color

255, 183, 150



Protanomaly

224, 213, 156



Deuteranomaly

238, 204, 149



Tritanomaly

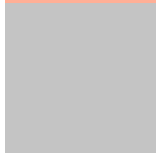
255, 173, 172

Monochromacy



Original Color

255, 183, 150



Achromatopsia

196, 196, 196



Achromatomaly

217, 191, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 183, 150 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, 175, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 150)  
}
```

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, 175, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 150) }
```

Border

The CSS property to change the border of an element to RYB 255, 183, 150 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, 175, 150) }
```

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

```
.border{ border-color:rgb(255, 175, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 175, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
150) }
```

Background

The CSS property to change the background color of an element to RYB 255, 183, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 150) }
```

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

```
.background{ background-color: rgb(255,  
175, 150) }
```

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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