

Converting Colors

`RYB(252, 159, 151)`

Have a look what the booklet for
RYB(252, 159, 151) contains.

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Color

`RYB(252, 159, 151)`

Conversions

Conversions Part 1

Format	Color
Hex	FC9E97
RGB	252, 158, 151
RGB Percent	99%, 62%, 59%
CMY	0.0118, 0.3788, 0.4078
CMYK	0.00, 0.37, 0.40, 0.01
HSL	4°, 94%, 79%
HSV	4°, 40%, 99%
XYZ	58.0282, 47.5246, 35.3929
YIQ	185.3080, 58.2710, 17.7510

Conversions

Conversions Part 2

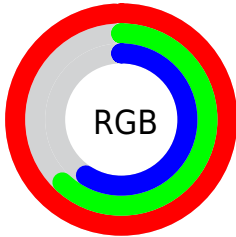
Format	Color
R _Y B	252, 159, 151
Decimal	16555671
CIE Lab	74.52, 33.98, 18.56
CIE LCh	75, 38.716, 28.648
Yxy	47.5246, 0.4117, 0.3372
Android (android.graphics.Color)	4294745751 (0xFFFC9E97)
YUV	185.3080, -16.9138, 58.4889
Hunter-Lab	68.9381, 29.6095, 17.8171

Details

The RYB color **252, 159, 151** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **151, 200, 252**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **255, 215, 205**, and **193, 105, 100** is the 20% darker color. If you saturate the color by 10%, you get **252, 136, 126**, and if you desaturate by 10%, it is **252, 183, 176**.

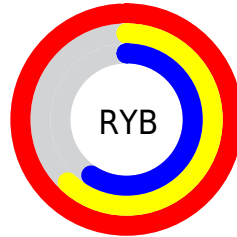
Distribution



Red (99%)

Green (62%)

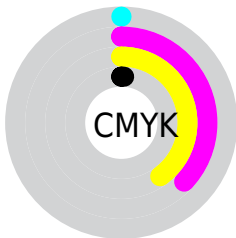
Blue (59%)



Red (99%)

Yellow (62%)

Blue (59%)

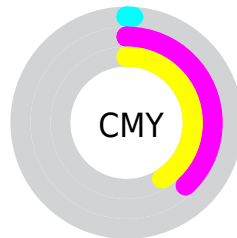


Cyan (0%)

Magenta (37%)

Yellow (40%)

Black (1%)



Cyan (1%)


Magenta (38%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the RYB color 252, 159, 151 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 252, 159, 151 by changing the saturation by 10% instead.

 252, 159, 151

 252, 159, 151

255, 255, 255

 222, 133, 125

 255, 216, 205


 193, 106, 100

 255, 251, 233

 164, 80, 76

 136, 56, 53

 108, 31, 32

 81, 3, 10

 54, 0, 0

 22, 0, 0

 0, 0, 0

■ 252, 159, 151

■ 252, 159, 151

■ 252, 136, 126

■ 252, 183, 176

■ 252, 113, 101

■ 252, 205, 201

■ 252, 89, 75

■ 252, 228, 227

■ 252, 66, 50

■ 252, 252, 252

■ 252, 43, 25

■ 252, 254, 255

■ 252, 19, 0

Harmonies

Analogous

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



249, 156, 186



252, 159, 151



237, 196, 124

Triad

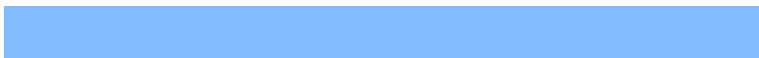
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



252, 159, 151



129, 186, 199



130, 169, 254

Complementary

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



252, 159, 151



151, 200, 252

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.



69, 143, 243



252, 159, 151



83, 149, 202

Square

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



252, 159, 151



120, 191, 139



41, 125, 216



185, 175, 246

Rectangle

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



252, 159, 151



184, 219, 114



41, 125, 216



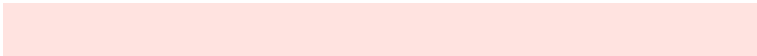
109, 161, 252

Sweetspot

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



252, 159, 151



255, 227, 224



252, 151, 245



128, 111, 110



0, 0, 0



128, 128, 128

Same Dimension

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



252, 159, 151



255, 143, 133



229, 252, 151



125, 113, 112



189, 15, 0



61, 4, 0

Inverse Universe

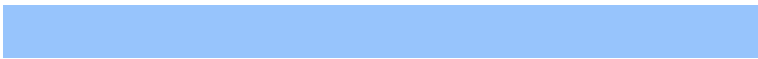
The Inverse Universe completely reimagines the original color for something new.



151, 200, 252



133, 192, 255



151, 182, 252



112, 118, 125



0, 91, 189



0, 29, 61

Previews

White Background



This preview shows how the RYB color 252, 159, 151 looks on a white background.

Color Contrast Check

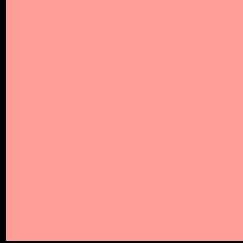
Large Text (above 18pt) WCAG AA × Fail

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 252, 159, 151 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 252, 159, 151 Background



This preview shows how black text looks on a background with the RYB color 252, 159, 151.

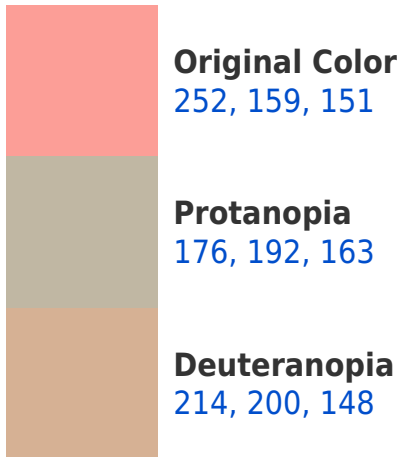



This preview shows how white text looks on a background with the RYB color 252, 159, 151.

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





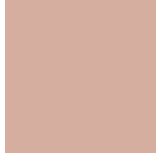
Tritanopia
253, 156, 168

Trichromacy



Original Color

252, 159, 151



Protanomaly

214, 180, 159



Deuteranomaly

228, 178, 149



Tritanomaly

253, 157, 162

Monochromacy



Original Color

252, 159, 151



Achromatopsia

186, 186, 186



Achromatomaly

210, 176, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 159, 151 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(252, 158, 151) looks like.

```
.text, #text, p{  
    color:rgb(252, 158, 151)  
}
```

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(252, 158, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 158, 151) }
```

Border

The CSS property to change the border of an element to RYB 252, 159, 151 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(252, 158, 151) }
```

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

```
.border{ border-color:rgb(252, 158, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 158, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 158, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 158, 151);  
box-shadow:4px 4px 4px 4px rgb(252, 158,  
151) }
```

Background

The CSS property to change the background color of an element to RGB 252, 159, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 158, 151) }
```

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

```
.background{ background-color: rgb(252,  
158, 151) }
```

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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