

Converting Colors

`RYB(252, 165, 159)`

Have a look what the booklet for
RYB(252, 165, 159) contains.

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Color

R_YB(252, 165, 159)

Conversions

Conversions Part 1

Format	Color
Hex	FCA59F
RGB	252, 165, 159
RGB Percent	99%, 65%, 62%
CMY	0.0118, 0.3544, 0.3765
CMYK	0.00, 0.35, 0.37, 0.01
HSL	4°, 94%, 81%
HSV	4°, 37%, 99%
XYZ	59.7925, 49.9779, 39.2962
YIQ	190.3290, 53.7780, 16.5780

Conversions

Conversions Part 2

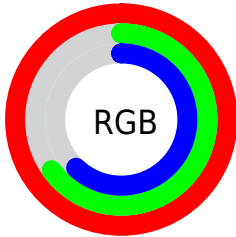
Format	Color
R _{YB}	252, 165, 159
Decimal	16557471
CIE Lab	76.06, 31.63, 16.32
CIE LCh	76, 35.594, 27.294
Yxy	49.9779, 0.4011, 0.3353
Android (android.graphics.Color)	4294747551 (0xFFFC A59F)
YUV	190.3290, -15.4452, 54.0855
Hunter-Lab	70.6951, 27.2555, 16.5299

Details

The RYB color **252, 165, 159** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **159, 204, 252**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **255, 222, 214**, and **193, 112, 108** is the 20% darker color. If you saturate the color by 10%, you get **252, 141, 134**, and if you desaturate by 10%, it is **252, 188, 184**.

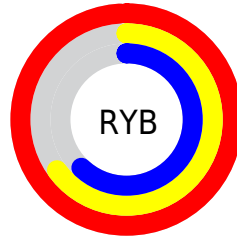
Distribution



Red (99%)

Green (65%)

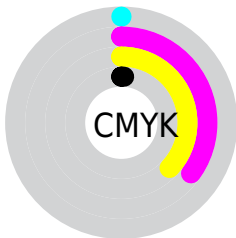
Blue (62%)



Red (99%)

Yellow (65%)

Blue (62%)

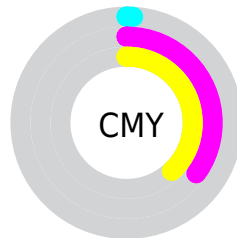


Cyan (0%)

Magenta (35%)

Yellow (37%)

Black (1%)



Cyan (1%)


Magenta (35%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 252, 165, 159 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, 165, 159 by changing the saturation by 10% instead.


 252, 165, 159

255, 255, 255

 255, 221, 214

 253, 255, 242

 252, 165, 159

 222, 138, 133

 193, 112, 108

 164, 87, 83

 136, 62, 60

 109, 38, 39

 82, 12, 18

 56, 0, 0

 28, 0, 1

 0, 0, 0

■ 252, 165, 159

■ 252, 165, 159

■ 252, 141, 134

■ 252, 188, 184

■ 252, 117, 109

■ 252, 212, 209

■ 252, 95, 83

■ 252, 236, 235

■ 252, 71, 58

■ 252, 254, 255

■ 252, 47, 33

■ 252, 24, 8

■ 252, 16, 0

Harmonies

Analogous

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



249, 163, 192



252, 165, 159



239, 197, 133

Triad

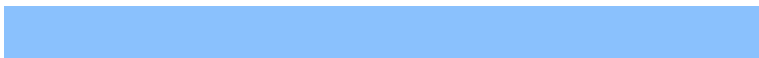
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



252, 165, 159



140, 193, 202



138, 175, 253

Complementary

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



252, 165, 159



159, 204, 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.



90, 154, 242



252, 165, 159



101, 159, 205

Square

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



252, 165, 159



128, 195, 144



74, 142, 216



188, 180, 246

Rectangle

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



252, 165, 159



197, 223, 124



74, 142, 216



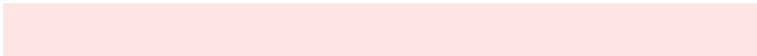
121, 168, 251

Sweetspot

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



252, 165, 159



255, 229, 227



252, 159, 247



128, 112, 111



0, 0, 0



128, 128, 128

Same Dimension

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



252, 165, 159



255, 150, 143



236, 252, 159



125, 113, 112



189, 12, 0



61, 4, 0

Inverse Universe

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



159, 204, 252



143, 197, 255



159, 188, 252



112, 118, 125



0, 91, 189



0, 29, 61

Previews

White Background



This preview shows how the RYB color 252, 165, 159 looks on a white background.

Color Contrast Check

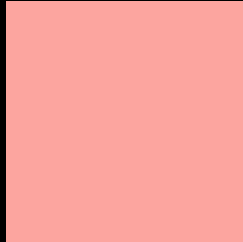
Large Text (above 18pt) WCAG AA × Fail

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, 165, 159 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, 165, 159 Background



This preview shows how black text looks on a background with the RYB color 252, 165, 159.

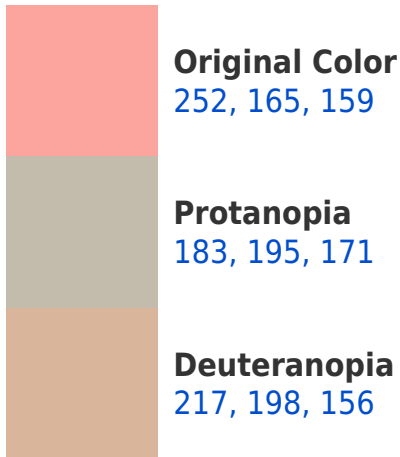



This preview shows how white text looks on a background with the RYB color 252, 165, 159.

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, 162, 174

Trichromacy



Original Color

252, 165, 159



Protanomaly

216, 183, 167



Deuteranomaly

230, 181, 157



Tritanomaly

253, 163, 169

Monochromacy



Original Color

252, 165, 159



Achromatopsia

190, 190, 190



Achromatomaly

213, 181, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 165, 159 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, 165, 159) looks like.

```
.text, #text, p{  
    color:rgb(252, 165, 159)  
}
```

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, 165, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 165, 159) }
```

Border

The CSS property to change the border of an element to RYB 252, 165, 159 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, 165, 159) }
```

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

```
.border{ border-color:rgb(252, 165, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 165, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 165, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 165, 159);  
box-shadow:4px 4px 4px 4px rgb(252, 165,  
159) }
```

Background

The CSS property to change the background color of an element to RYB 252, 165, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 165, 159) }
```

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

```
.background{ background-color: rgb(252,  
165, 159) }
```

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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