

Converting Colors

`RYB(249, 172, 158)`

Have a look what the booklet for
RYB(249, 172, 158) contains.

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Color

R_YB(249, 172, 158)

Conversions

Conversions Part 1

Format	Color
Hex	F9AA9E
RGB	249, 170, 158
RGB Percent	98%, 67%, 62%
CMY	0.0235, 0.3328, 0.3804
CMYK	0.00, 0.32, 0.37, 0.02
HSL	8°, 88%, 80%
HSV	8°, 37%, 98%
XYZ	59.6382, 51.4078, 39.1272
YIQ	192.2530, 50.9360, 13.0160

Conversions

Conversions Part 2

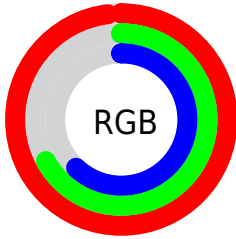
Format	Color
R _Y B	249, 172, 158
Decimal	16362142
CIE Lab	76.93, 27.51, 18.03
CIE LCh	77, 32.893, 33.231
Yxy	51.4078, 0.3971, 0.3423
Android (android.graphics.Color)	4294552222 (0xFFF9AA9E)
YUV	192.2530, -16.8867, 49.7671
Hunter-Lab	71.6993, 22.9996, 17.8342

Details

The RYB color **249, 172, 158** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **158, 200, 249**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **255, 232, 213**, and **190, 118, 107** is the 20% darker color. If you saturate the color by 10%, you get **249, 152, 133**, and if you desaturate by 10%, it is **249, 193, 183**.

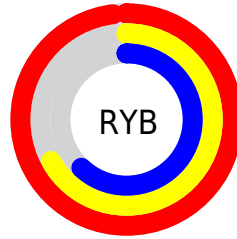
Distribution



Red (98%)

Green (67%)

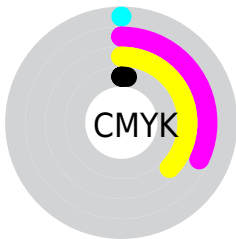
Blue (62%)



Red (98%)

Yellow (67%)

Blue (62%)

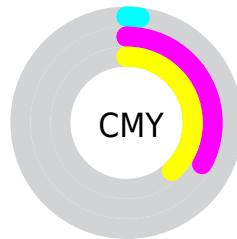


Cyan (0%)

Magenta (32%)

Yellow (37%)

Black (2%)



Cyan (2%)

Magenta (33%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the RYB color 249, 172, 158 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 249, 172, 158 by changing the saturation by 10% instead.


 249, 172, 158

 249, 172, 158

255, 255, 255

 219, 145, 132

 255, 232, 213

 190, 118, 107

 241, 255, 241

 162, 93, 82

 134, 69, 59

 107, 45, 38

 80, 21, 17

 55, 0, 0

 27, 0, 1

 0, 0, 0

■ 249, 172, 158

■ 249, 172, 158

■ 249, 152, 133

■ 249, 193, 183

■ 249, 130, 108

■ 249, 214, 208

■ 249, 108, 83

■ 249, 235, 233

■ 249, 88, 58

■ 249, 252, 255

■ 249, 66, 34

■ 249, 46, 9

■ 249, 38, 0

Harmonies

Analogous

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



249, 167, 188



249, 172, 158



234, 213, 136

Triad

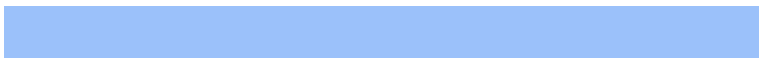
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



249, 172, 158



140, 188, 204



155, 182, 250

Complementary

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



249, 172, 158



158, 200, 249

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.



112, 165, 243



249, 172, 158



107, 161, 207

Square

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



249, 172, 158



138, 198, 161



91, 152, 222



198, 181, 241

Rectangle

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



249, 172, 158



180, 218, 130



91, 152, 222



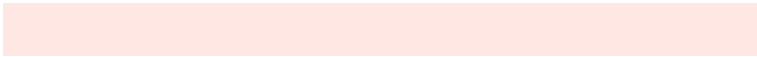
140, 177, 250

Sweetspot

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



249, 172, 158



255, 232, 227



249, 158, 237



128, 113, 111



0, 0, 0



128, 128, 128

Same Dimension

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



249, 172, 158



255, 160, 143



210, 249, 158



125, 114, 112



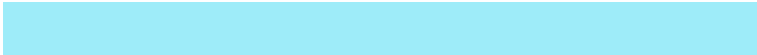
189, 29, 0



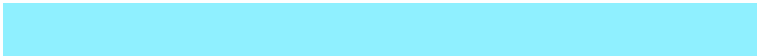
61, 9, 0

Inverse Universe

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



158, 200, 249



143, 195, 255



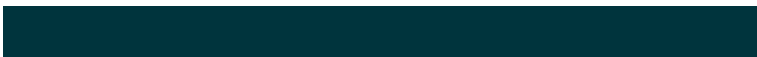
158, 182, 249



112, 118, 125



0, 88, 189



0, 28, 61

Previews

White Background



This preview shows how the RYB color 249, 172, 158 looks on a white background.

Color Contrast Check

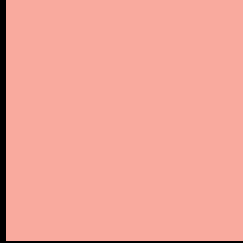
Large Text (above 18pt) WCAG AA × Fail

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 249, 172, 158 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 249, 172, 158 Background



This preview shows how black text looks on a background with the RYB color 249, 172, 158.



This preview shows how white text looks on a background with the RYB color 249, 172, 158.

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



Original Color
249, 172, 158

Protanopia
181, 199, 168

Deuteranopia
221, 202, 156



Tritanopia
251, 167, 180

Trichromacy



Original Color
249, 172, 158

Protanomaly
217, 194, 164

Deuteranomaly
231, 186, 157

Tritanomaly
250, 168, 172

Monochromacy



Original Color
249, 172, 158

Achromatopsia
192, 192, 192

Achromatomaly
213, 185, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 249, 172, 158 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(249, 170, 158)` looks like.

```
.text, #text, p{  
    color:rgb(249, 170, 158)  
}
```

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(249, 170, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 170, 158) }
```

Border

The CSS property to change the border of an element to RYB 249, 172, 158 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(249, 170, 158) }
```

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

```
.border{ border-color:rgb(249, 170, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 170, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 170, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 170, 158);  
box-shadow:4px 4px 4px 4px rgb(249, 170,  
158) }
```

Background

The CSS property to change the background color of an element to RGB 249, 172, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 170, 158) }
```

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

```
.background{ background-color: rgb(249,  
170, 158) }
```

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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