

Converting Colors

`RYB(249, 152, 143)`

Have a look what the booklet for RYB(249, 152, 143) contains.

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Color

R_YB(249, 152, 143)

Conversions

Conversions Part 1

Format	Color
Hex	F9978F
RGB	249, 151, 143
RGB Percent	98%, 59%, 56%
CMY	0.0235, 0.4067, 0.4392
CMYK	0.00, 0.39, 0.43, 0.02
HSL	5°, 90%, 77%
HSV	5°, 43%, 98%
XYZ	55.1391, 44.3514, 31.6411
YIQ	179.3900, 60.9760, 18.2880

Conversions

Conversions Part 2

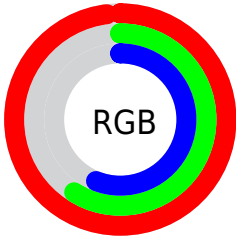
Format	Color
R_{YB}	249, 152, 143
Decimal	16357263
CIE _{Lab}	72.46, 35.70, 20.05
CIE _{LCh}	72, 40.947, 29.317
Yxy	44.3514, 0.4205, 0.3382
Android (android.graphics.Color)	4294547343 (0xFFFF9978F)
YUV	179.3900, -17.9403, 61.0480
Hunter-Lab	66.5969, 31.2452, 18.4483

Details

The RYB color **249, 152, 143** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **143, 194, 249**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **255, 208, 197**, and **190, 99, 93** is the 20% darker color. If you saturate the color by 10%, you get **249, 129, 118**, and if you desaturate by 10%, it is **249, 174, 168**.

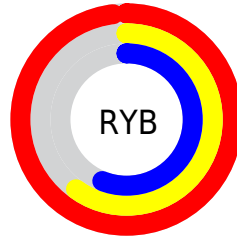
Distribution



Red (98%)

Green (59%)

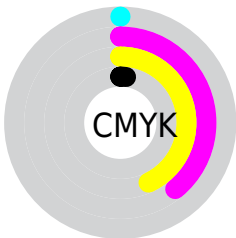
Blue (56%)



Red (98%)

Yellow (60%)

Blue (56%)

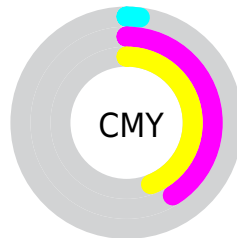


Cyan (0%)

Magenta (39%)

Yellow (43%)

Black (2%)



Cyan (2%)

Magenta (41%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the RYB color 249, 152, 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 249, 152, 143 by changing the saturation by 10% instead.

 249, 152, 143

 249, 152, 143

255, 255, 255

 219, 126, 117

 255, 209, 197

 190, 99, 93

 255, 240, 225

 161, 74, 69

253, 255, 253

 132, 49, 47

 104, 23, 26

 77, 0, 0


 51, 0, 0

 8, 0, 0


 0, 0, 0

 249, 152, 143

 249, 152, 143

 249, 129, 118

 249, 174, 168

 249, 106, 93

 249, 197, 193

 249, 83, 68

 249, 220, 218

 249, 60, 43

 249, 243, 243

 249, 39, 18

 249, 252, 255

 249, 21, 0

Harmonies

Analogous

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



247, 148, 180



249, 152, 143



233, 194, 114

Triad

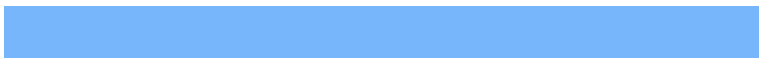
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



249, 152, 143



119, 179, 194



120, 162, 252

Complementary

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



249, 152, 143



143, 194, 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.



42, 128, 241



249, 152, 143



64, 136, 197

Square

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



249, 152, 143



111, 186, 133



0, 102, 213



180, 168, 243

Rectangle

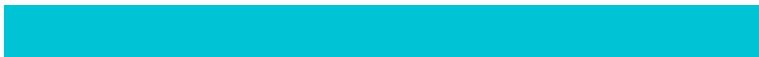
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



249, 152, 143



175, 214, 104



0, 102, 213



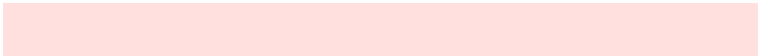
97, 153, 251

Sweetspot

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



249, 152, 143



255, 224, 222



249, 143, 242



128, 109, 107



0, 0, 0



128, 128, 128

Same Dimension

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



249, 152, 143



255, 136, 125



224, 249, 143



125, 113, 112



189, 16, 0



61, 5, 0

Inverse Universe

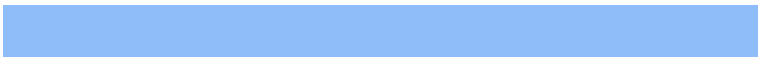
The Inverse Universe completely reimagines the original color for something new.



143, 194, 249



125, 187, 255



143, 175, 249



112, 118, 125



0, 91, 189



0, 29, 61

Previews

White Background



This preview shows how the RYB color 249, 152, 143 looks on a white background.

Color Contrast Check

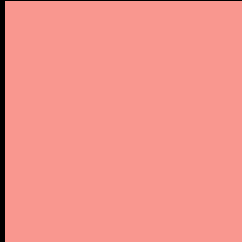
Large Text (above 18pt) WCAG AA × Fail

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 249, 152, 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 249, 152, 143 Background



This preview shows how black text looks on a background with the RYB color 249, 152, 143.

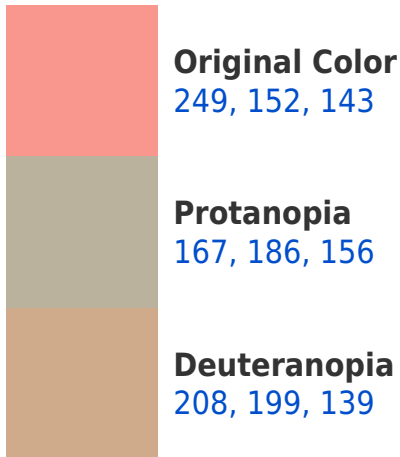


This preview shows how white text looks on a background with the RYB color 249, 152, 143.

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
250, 149, 160

Trichromacy



Original Color

249, 152, 143



Protanomaly

209, 175, 151



Deuteranomaly

223, 174, 140



Tritanomaly

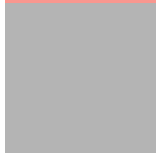
250, 150, 154

Monochromacy



Original Color

249, 152, 143



Achromatopsia

180, 180, 180



Achromatomaly

205, 170, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 249, 152, 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(249, 151, 143) looks like.

```
.text, #text, p{  
    color:rgb(249, 151, 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(249, 151, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 151, 143) }
```

Border

The CSS property to change the border of an element to RYB 249, 152, 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(249, 151, 143) }
```

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

```
.border{ border-color:rgb(249, 151, 143) }
```

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

Here you see how a box with a 4 pixel rgb(249, 151, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 151, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 151, 143);  
box-shadow:4px 4px 4px 4px rgb(249, 151,  
143) }
```

Background

The CSS property to change the background color of an element to RYB 249, 152, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 151, 143) }
```

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

```
.background{ background-color: rgb(249,  
151, 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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