

Converting Colors

`RYB(249, 184, 149)`

Have a look what the booklet for
RYB(249, 184, 149) contains.

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Color

R_YB(249, 184, 149)

Conversions

Conversions Part 1

Format	Color
Hex	F9AF95
RGB	249, 175, 149
RGB Percent	98%, 69%, 58%
CMY	0.0235, 0.3140, 0.4157
CMYK	0.00, 0.30, 0.40, 0.02
HSL	16°, 89%, 78%
HSV	16°, 40%, 98%
XYZ	59.8073, 52.9408, 35.5002
YIQ	194.1620, 52.4500, 7.6020

Conversions

Conversions Part 2

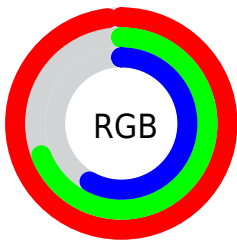
Format	Color
R _Y B	249, 184, 149
Decimal	16363413
CIE Lab	77.84, 23.98, 24.14
CIE LCh	78, 34.023, 45.196
Yxy	52.9408, 0.4034, 0.3571
Android (android.graphics.Color)	4294553493 (0xFF9AF95)
YUV	194.1620, -22.2649, 48.0929
Hunter-Lab	72.7604, 19.3919, 22.0044

Details

The RYB color **249, 184, 149** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **149, 192, 249**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **248, 255, 203**, and **190, 130, 98** is the 20% darker color. If you saturate the color by 10%, you get **249, 167, 124**, and if you desaturate by 10%, it is **249, 199, 174**.

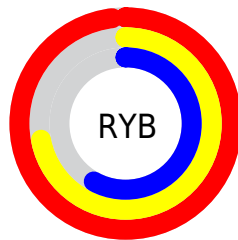
Distribution



Red (98%)

Green (69%)

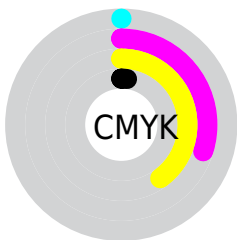
Blue (58%)



Red (98%)

Yellow (72%)

Blue (58%)

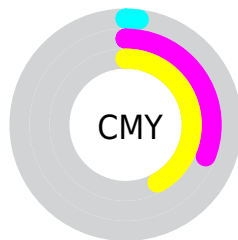


Cyan (0%)

Magenta (30%)

Yellow (40%)

Black (2%)



Cyan (2%)

Magenta (31%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 249, 184, 149 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, 184, 149 by changing the saturation by 10% instead.

 249, 184, 149

 249, 184, 149

255, 255, 255

 219, 157, 123

 248, 255, 203

 190, 130, 98

 231, 255, 231

 162, 105, 74

 134, 81, 51

 107, 55, 30

 80, 35, 6


 54, 4, 0

 28, 0, 1


 0, 0, 0

 249, 184, 149

 249, 184, 149

 249, 167, 124


 249, 199, 174

 249, 152, 99


 249, 217, 199

 249, 136, 74

 249, 232, 224

 249, 119, 49

 249, 249, 249

 249, 103, 25

 249, 252, 255

 249, 88, 0

Harmonies

Analogous

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



255, 169, 177



249, 184, 149



210, 228, 132

Triad

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



249, 184, 149



126, 178, 209



175, 188, 253

Complementary

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



249, 184, 149



149, 192, 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.



127, 173, 253



249, 184, 149



95, 153, 210

Square

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



249, 184, 149



147, 204, 188



92, 156, 236



217, 179, 237

Rectangle

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



249, 184, 149



151, 209, 129



92, 156, 236



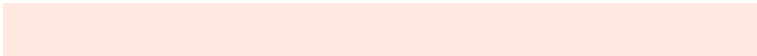
159, 185, 255

Sweetspot

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



249, 184, 149



255, 235, 224



249, 149, 224



128, 115, 110



0, 0, 0



128, 128, 128

Same Dimension

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



249, 184, 149



255, 175, 133



182, 249, 149



125, 118, 112



189, 66, 0



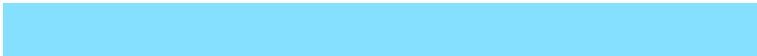
61, 22, 0

Inverse Universe

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



149, 192, 249



133, 185, 255



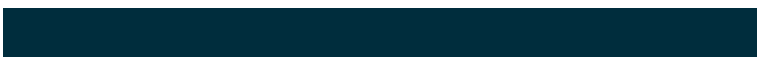
149, 169, 249



112, 118, 125



0, 80, 189



0, 26, 61

Previews

White Background



This preview shows how the RYB color 249, 184, 149 looks on a white background.

Color Contrast Check

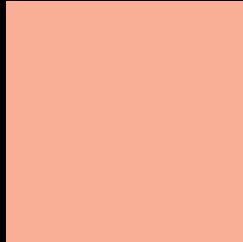
Large Text (above 18pt) WCAG AA × Fail

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, 184, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

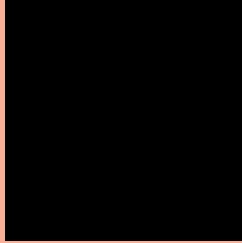
Any Text WCAG AA ✓ Pass

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, 184, 149 Background



This preview shows how black text looks on a background with the RYB color 249, 184, 149.

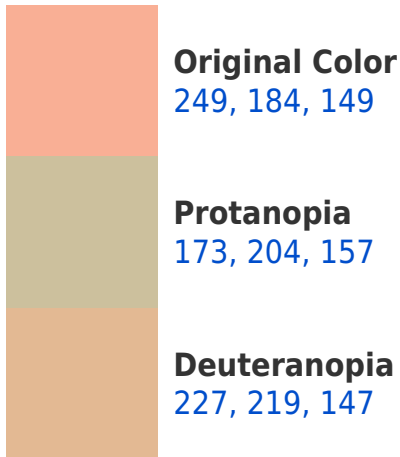


This preview shows how white text looks on a background with the RYB color 249, 184, 149.

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
252, 170, 183

Trichromacy



Original Color

249, 184, 149



Protanomaly

220, 216, 154



Deuteranomaly

235, 201, 148



Tritanomaly

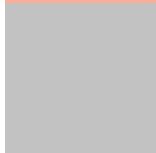
251, 172, 171

Monochromacy



Original Color

249, 184, 149



Achromatopsia

194, 194, 194



Achromatomaly

214, 190, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 175, 149 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, 175, 149) looks like.

```
.text, #text, p{  
    color:rgb(249, 175, 149)  
}
```

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, 175, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 175, 149) }
```

Border

The CSS property to change the border of an element to RYB 249, 184, 149 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, 175, 149) }
```

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

```
.border{ border-color:rgb(249, 175, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 175, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 175, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 175, 149);  
box-shadow:4px 4px 4px 4px rgb(249, 175,  
149) }
```

Background

The CSS property to change the background color of an element to RYB 249, 184, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 175, 149) }
```

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

```
.background{ background-color: rgb(249,  
175, 149) }
```

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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