

Converting Colors

`RYB(244, 161, 138)`

Have a look what the booklet for RYB(244, 161, 138) contains.

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Color

`RYB(244, 161, 138)`

Conversions

Conversions Part 1

Format	Color
Hex	F49D8A
RGB	244, 157, 138
RGB Percent	96%, 62%, 54%
CMY	0.0431, 0.3847, 0.4588
CMYK	0.00, 0.36, 0.43, 0.04
HSL	11°, 83%, 75%
HSV	11°, 43%, 96%
XYZ	53.9356, 45.1479, 29.9165
YIQ	180.8470, 57.9510, 12.5350

Conversions

Conversions Part 2

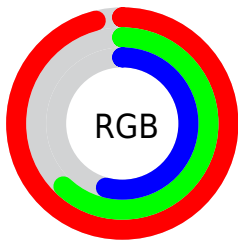
Format	Color
R_{YB}	244, 161, 138
Decimal	16031114
CIE _{Lab}	72.99, 30.38, 23.41
CIE _{LCh}	73, 38.350, 37.618
Yxy	45.1479, 0.4181, 0.3500
Android (android.graphics.Color)	4294221194 (0xFFFF49D8A)
YUV	180.8470, -21.1236, 55.3852
Hunter-Lab	67.1922, 25.6967, 20.6364

Details

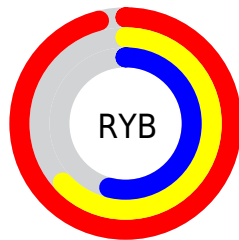
The RYB color **244, 161, 138** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **138, 186, 244**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **255, 221, 192**, and **185, 109, 88** is the 20% darker color. If you saturate the color by 10%, you get **244, 142, 114**, and if you desaturate by 10%, it is **244, 180, 162**.

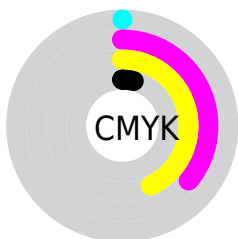
Distribution



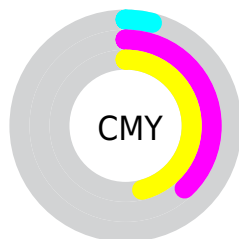
- Red (96%)
- Green (62%)
- Blue (54%)



- Red (96%)
- Yellow (63%)
- Blue (54%)



- Cyan (0%)
- Magenta (36%)
- Yellow (43%)
- Black (4%)




- Cyan (4%)
- Magenta (38%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 244, 161, 138 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 244, 161, 138 by changing the saturation by 10% instead.

 244, 161, 138


255, 255, 255

 255, 221, 192

 242, 255, 219

 248, 255, 248

 244, 161, 138

 214, 134, 112

 185, 109, 88

 156, 83, 64


 128, 57, 42

 100, 34, 21

 74, 5, 0

 48, 0, 0

 0, 0, 0

 244, 161, 138

 244, 161, 138

■ 244, 142, 114

■ 244, 180, 162

■ 244, 123, 89

■ 244, 199, 187

■ 244, 104, 65

■ 244, 218, 211

■ 244, 85, 40

■ 244, 237, 236

■ 244, 66, 16

■ 244, 250, 255

■ 244, 54, 0

Harmonies

Analogous

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



247, 152, 171



244, 161, 138



225, 217, 115

Triad

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



244, 161, 138



113, 170, 196



143, 170, 248

Complementary

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



244, 161, 138



138, 186, 244

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.



83, 147, 243



244, 161, 138



65, 134, 198

Square

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



244, 161, 138



122, 190, 156



34, 121, 221



195, 167, 235

Rectangle

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



244, 161, 138



151, 205, 109



34, 121, 221



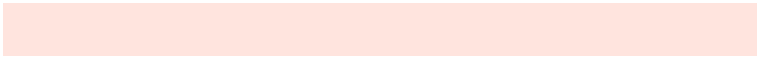
124, 164, 249

Sweetspot

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



244, 161, 138



255, 229, 222



244, 138, 226



128, 112, 107



0, 0, 0



128, 128, 128

Same Dimension

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



244, 161, 138



255, 151, 122



190, 244, 138



122, 112, 110



186, 40, 0



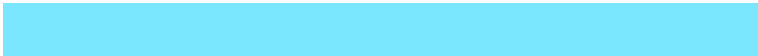
59, 12, 0

Inverse Universe

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



138, 186, 244



122, 182, 255



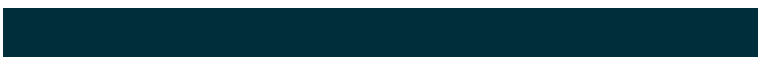
138, 164, 244



110, 115, 122



0, 84, 186



0, 26, 59

Previews

White Background



This preview shows how the RYB color 244, 161, 138 looks on a white background.

Color Contrast Check

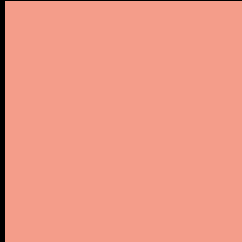
Large Text (above 18pt) WCAG AA × Fail

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 244, 161, 138 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 244, 161, 138 Background



This preview shows how black text looks on a background with the RYB color 244, 161, 138.

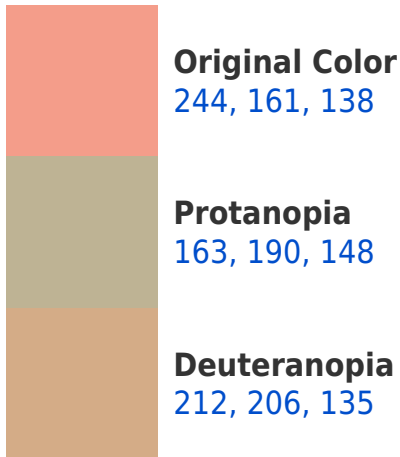


This preview shows how white text looks on a background with the RYB color 244, 161, 138.

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
246, 153, 165

Trichromacy



Original Color
244, 161, 138

Protanomaly
210, 190, 144

Deuteranomaly
224, 184, 136

Tritanomaly
245, 154, 155

Monochromacy



Original Color
244, 161, 138

Achromatopsia
181, 181, 181

Achromatomaly
204, 174, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 244, 161, 138 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(244, 157, 138)` looks like.

```
.text, #text, p{  
    color:rgb(244, 157, 138)  
}
```

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(244, 157, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 157, 138) }
```

Border

The CSS property to change the border of an element to RYB 244, 161, 138 is called "border". The border property can be set on classes, ids or directly on the HTML element.

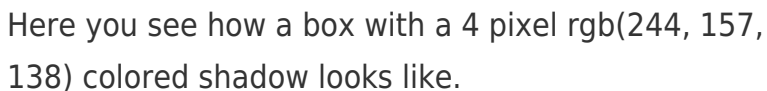
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(244, 157, 138) }
```

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

```
.border{ border-color:rgb(244, 157, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(244, 157, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 157, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 157, 138); box-shadow:4px 4px 4px 4px rgb(244, 157, 138) }
```

Background

The CSS property to change the background color of an element to RYB 244, 161, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 157, 138) }
```

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

```
.background{ background-color: rgb(244,  
157, 138) }
```

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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