

Converting Colors

`RYB(229, 159, 138)`

Have a look what the booklet for
RYB(229, 159, 138) contains.

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Color

R_YB(229, 159, 138)

Conversions

Conversions Part 1

Format	Color
Hex	E59B8A
RGB	229, 155, 138
RGB Percent	90%, 61%, 54%
CMY	0.1020, 0.3919, 0.4588
CMYK	0.00, 0.32, 0.40, 0.10
HSL	11°, 64%, 72%
HSV	11°, 40%, 90%
XYZ	48.6323, 41.9565, 29.5800
YIQ	175.1880, 49.5610, 10.4010

Conversions

Conversions Part 2

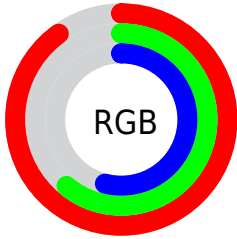
Format	Color
R _Y B	229, 159, 138
Decimal	15047562
CIE Lab	70.84, 25.60, 20.19
CIE LCh	71, 32.605, 38.269
Yxy	41.9565, 0.4047, 0.3491
Android (android.graphics.Color)	4293237642 (0xFFE59B8A)
YUV	175.1880, -18.3337, 47.1931
Hunter-Lab	64.7738, 20.6639, 18.2660

Details

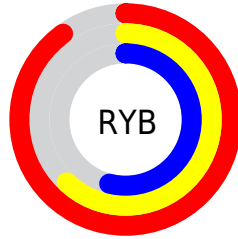
The RYB color **229, 159, 138** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **138, 179, 229**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **255, 218, 191**, and **171, 106, 88** is the 20% darker color. If you saturate the color by 10%, you get **229, 141, 115**, and if you desaturate by 10%, it is **229, 177, 161**.

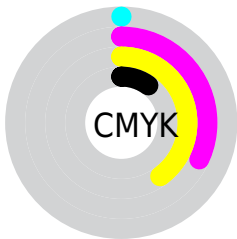
Distribution



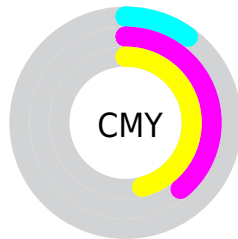
- Red (90%)
- Green (61%)
- Blue (54%)



- Red (90%)
- Yellow (62%)
- Blue (54%)



- Cyan (0%)
- Magenta (32%)
- Yellow (40%)
- Black (10%)



- Cyan (10%)
- Magenta (39%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 229, 159, 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 229, 159, 138 by changing the saturation by 10% instead.


 229, 159, 138

 229, 159, 138

255, 255, 255

 200, 133, 113

 255, 218, 191

 171, 106, 88

 251, 255, 219

 143, 82, 65

 248, 255, 248

 116, 58, 42

 89, 34, 22

 63, 9, 0

 40, 0, 1

 0, 0, 0

 229, 159, 138

 229, 159, 138

■ 229, 141, 115

■ 229, 177, 161

■ 229, 124, 92

■ 229, 194, 184

■ 229, 106, 69

■ 229, 212, 207

■ 229, 89, 46

■ 229, 229, 230

■ 229, 71, 23

■ 229, 239, 252

■ 229, 52, 1

■ 229, 242, 255

■ 229, 53, 0

Harmonies

Analogous

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



232, 151, 166



229, 159, 138



212, 206, 119

Triad

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



229, 159, 138



118, 166, 188



146, 167, 232

Complementary

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



229, 159, 138



138, 179, 229

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.



101, 150, 228



229, 159, 138



85, 140, 190

Square

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



229, 159, 138



126, 183, 156



73, 135, 209



188, 163, 220

Rectangle

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



229, 159, 138



148, 195, 114



73, 135, 209



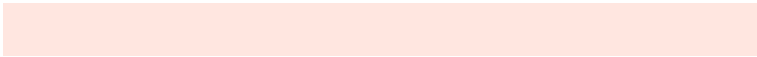
131, 163, 232

Sweetspot

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



229, 159, 138



255, 231, 224



229, 138, 212



128, 114, 110



0, 0, 0



128, 128, 128

Same Dimension

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



229, 159, 138



255, 161, 133



181, 229, 138



115, 105, 103



179, 40, 0



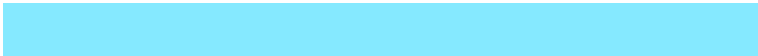
51, 12, 0

Inverse Universe

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



138, 179, 229



133, 188, 255



138, 160, 229



103, 108, 115



0, 80, 179



0, 23, 51

Previews

White Background



This preview shows how the RYB color 229, 159, 138 looks on a white background.

Color Contrast Check

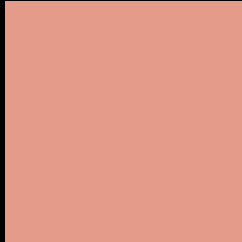
Large Text (above 18pt) WCAG AA × Fail

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 229, 159, 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 229, 159, 138 Background



This preview shows how black text looks on a background with the RYB color 229, 159, 138.

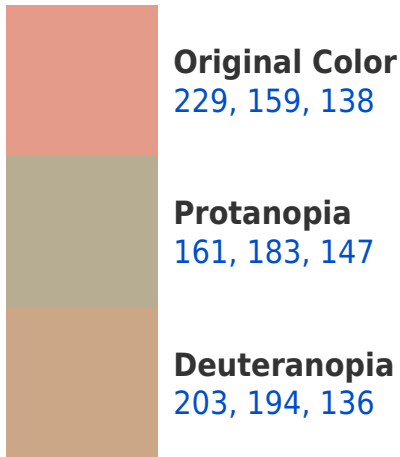



This preview shows how white text looks on a background with the RYB color 229, 159, 138.

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
231, 151, 163

Trichromacy



Original Color
229, 159, 138

Protanomaly
200, 180, 144

Deuteranomaly
212, 177, 137

Tritanomaly
230, 152, 154

Monochromacy



Original Color
229, 159, 138

Achromatopsia
175, 175, 175

Achromatomaly
195, 169, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 229, 159, 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(229, 155, 138)` looks like.

```
.text, #text, p{  
    color:rgb(229, 155, 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(229, 155, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 155, 138) }
```

Border

The CSS property to change the border of an element to RYB 229, 159, 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(229, 155, 138) }
```

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

```
.border{ border-color:rgb(229, 155, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 155, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 155, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 155, 138); box-shadow:4px 4px 4px 4px rgb(229, 155, 138) }
```

Background

The CSS property to change the background color of an element to RYB 229, 159, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 155, 138) }
```

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

```
.background{ background-color: rgb(229,  
155, 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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