

Converting Colors

`RYB(236, 151, 135)`

Have a look what the booklet for
RYB(236, 151, 135) contains.

RYB(236, 151, 135)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(236, 151, 135)

Conversions

Conversions Part 1

Format	Color
Hex	EC9587
RGB	236, 149, 135
RGB Percent	93%, 58%, 53%
CMY	0.0745, 0.4164, 0.4706
CMYK	0.00, 0.37, 0.43, 0.07
HSL	8°, 73%, 73%
HSV	8°, 43%, 93%
XYZ	49.6830, 41.0176, 28.2203
YIQ	173.4170, 56.3460, 14.0900

Conversions

Conversions Part 2

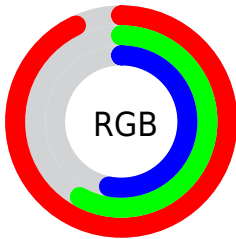
Format	Color
R _Y B	236, 151, 135
Decimal	15504775
CIE Lab	70.19, 31.27, 21.08
CIE LCh	70, 37.716, 33.990
Yxy	41.0176, 0.4178, 0.3449
Android (android.graphics.Color)	4293694855 (0xFFEC9587)
YUV	173.4170, -18.9396, 54.8853
Hunter-Lab	64.0450, 26.3929, 18.7064

Details

The RYB color **236, 151, 135** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **135, 182, 236**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **255, 209, 188**, and **177, 99, 85** is the 20% darker color. If you saturate the color by 10%, you get **236, 131, 111**, and if you desaturate by 10%, it is **236, 170, 159**.

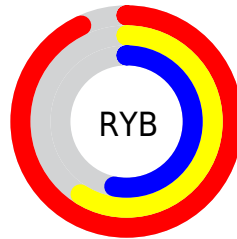
Distribution



Red (93%)

Green (58%)

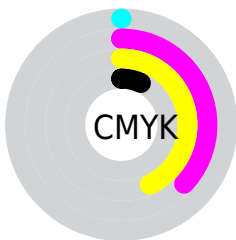
Blue (53%)



Red (93%)

Yellow (59%)

Blue (53%)

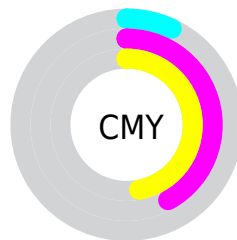


Cyan (0%)

Magenta (37%)

Yellow (43%)

Black (7%)



Cyan (7%)

Magenta (42%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the RYB color 236, 151, 135 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 236, 151, 135 by changing the saturation by 10% instead.

 236, 151, 135

 236, 151, 135

255, 255, 255

 206, 124, 110


 255, 209, 188

 177, 99, 85

 255, 243, 216

 149, 73, 62

 245, 255, 245

 121, 49, 40


 93, 24, 19

 67, 0, 0

 44, 0, 1

 0, 0, 0

 236, 151, 135

 236, 151, 135

■ 236, 131, 111

■ 236, 170, 159

■ 236, 111, 88

■ 236, 191, 182

■ 236, 92, 64

■ 236, 211, 206

■ 236, 71, 41

■ 236, 230, 229

■ 236, 52, 17

■ 236, 244, 253

■ 236, 37, 0

■ 236, 246, 255

Harmonies

Analogous

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



237, 145, 168



236, 151, 135



219, 197, 111

Triad

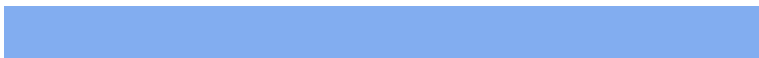
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236, 151, 135



112, 167, 187



130, 161, 240

Complementary

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



236, 151, 135



135, 182, 236

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.



69, 136, 232



236, 151, 135



64, 131, 190

Square

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



236, 151, 135



114, 181, 142



23, 111, 209



182, 161, 228

Rectangle

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



236, 151, 135



153, 200, 103



23, 111, 209



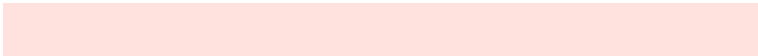
110, 154, 239

Sweetspot

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



236, 151, 135



255, 227, 222



236, 135, 223



128, 111, 107



0, 0, 0



128, 128, 128

Same Dimension

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



236, 151, 135



255, 146, 125



193, 236, 135



117, 107, 106



181, 29, 0



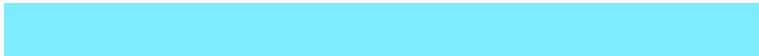
54, 8, 0

Inverse Universe

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



135, 182, 236



125, 185, 255



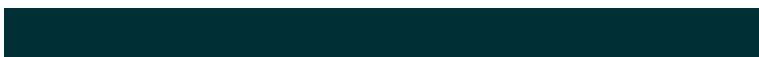
135, 162, 236



106, 111, 117



0, 84, 181



0, 25, 54

Previews

White Background



This preview shows how the RYB color 236, 151, 135 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 236, 151, 135 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 236, 151, 135 Background



This preview shows how black text looks on a background with the RYB color 236, 151, 135.

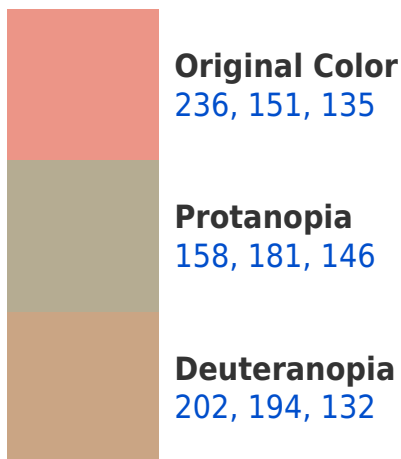


This preview shows how white text looks on a background with the RYB color 236, 151, 135.

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
238, 146, 157

Trichromacy



Original Color
236, 151, 135

Protanomaly
201, 177, 142

Deuteranomaly
214, 171, 133

Tritanomaly
237, 147, 149

Monochromacy



Original Color
236, 151, 135

Achromatopsia
173, 173, 173

Achromatomaly
196, 165, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 236, 151, 135 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(236, 149, 135)` looks like.

```
.text, #text, p{  
    color:rgb(236, 149, 135)  
}
```

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(236, 149, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 149, 135) }
```

Border

The CSS property to change the border of an element to RYB 236, 151, 135 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(236, 149, 135) }
```

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

```
.border{ border-color:rgb(236, 149, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 149, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 149, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 149, 135);  
box-shadow:4px 4px 4px 4px rgb(236, 149,  
135) }
```

Background

The CSS property to change the background color of an element to RGB 236, 149, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 149, 135) }
```

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

```
.background{ background-color: rgb(236,  
149, 135) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor