

Converting Colors

`RYB(236, 163, 141)`

Have a look what the booklet for
RYB(236, 163, 141) contains.

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Color

R_YB(236, 163, 141)

Conversions

Conversions Part 1

Format	Color
Hex	EC9F8D
RGB	236, 159, 141
RGB Percent	93%, 62%, 55%
CMY	0.0745, 0.3770, 0.4471
CMYK	0.00, 0.33, 0.40, 0.07
HSL	11°, 71%, 74%
HSV	11°, 40%, 93%
XYZ	51.7744, 44.5052, 31.0609
YIQ	179.9710, 51.6700, 10.7260

Conversions

Conversions Part 2

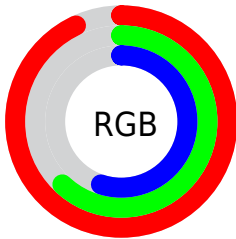
Format	Color
R _Y B	236, 163, 141
Decimal	15507341
CIE Lab	72.56, 26.60, 21.04
CIE LCh	73, 33.916, 38.342
Yxy	44.5052, 0.4066, 0.3495
Android (android.graphics.Color)	4293697421 (0xFFEC9F8D)
YUV	179.9710, -19.2127, 49.1374
Hunter-Lab	66.7122, 21.7849, 19.0935

Details

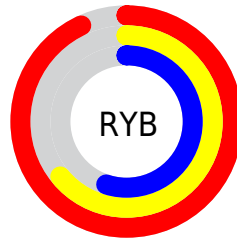
The RYB color **236, 163, 141** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **141, 184, 236**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **255, 223, 195**, and **178, 111, 91** is the 20% darker color. If you saturate the color by 10%, you get **236, 146, 117**, and if you desaturate by 10%, it is **236, 181, 165**.

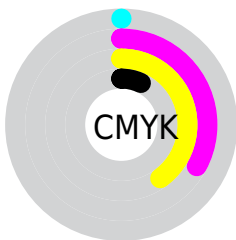
Distribution



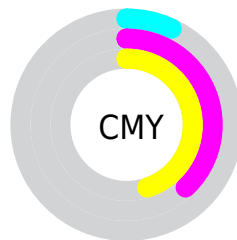
- Red (93%)
- Green (62%)
- Blue (55%)



- Red (93%)
- Yellow (64%)
- Blue (55%)



- Cyan (0%)
- Magenta (33%)
- Yellow (40%)
- Black (7%)



- Cyan (7%)
- Magenta (38%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the RYB color 236, 163, 141 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, 163, 141 by changing the saturation by 10% instead.

 236, 163, 141

 236, 163, 141

255, 255, 255

 207, 136, 115

 255, 223, 195

 178, 111, 91

 242, 255, 223

 150, 85, 67

 251, 255, 251

 122, 61, 45

 95, 37, 24

 69, 13, 0

 44, 0, 0

 0, 0, 0


 236, 163, 141


 236, 163, 141

 236, 146, 117

 236, 181, 165

 236, 127, 94

 236, 199, 188

 236, 108, 70

 236, 217, 212

 236, 90, 47

 235, 236, 235

 236, 72, 23

 236, 246, 255

 236, 54, 0

Harmonies

Analogous

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



239, 154, 170



236, 163, 141



219, 211, 121

Triad

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



236, 163, 141



120, 170, 193



149, 171, 239

Complementary

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



236, 163, 141



141, 184, 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.



102, 154, 235



236, 163, 141



85, 142, 195

Square

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



236, 163, 141



128, 188, 159



71, 137, 215



193, 167, 227

Rectangle

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



236, 163, 141



153, 201, 116



71, 137, 215



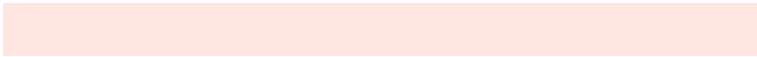
133, 166, 240

Sweetspot

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



236, 163, 141



255, 231, 224



236, 141, 219



128, 114, 110



0, 0, 0



128, 128, 128

Same Dimension

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



236, 163, 141



255, 161, 133



185, 236, 141



117, 108, 106



181, 42, 0



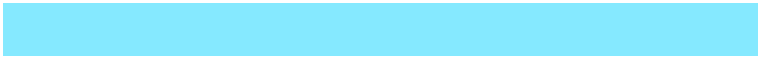
54, 12, 0

Inverse Universe

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



141, 184, 236



133, 188, 255



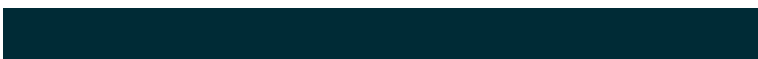
141, 164, 236



106, 111, 117



0, 81, 181



0, 24, 54

Previews

White Background



This preview shows how the RYB color 236, 163, 141 looks on a white background.

Color Contrast Check

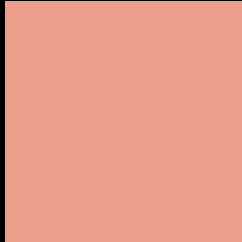
Large Text (above 18pt) WCAG AA × Fail

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, 163, 141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

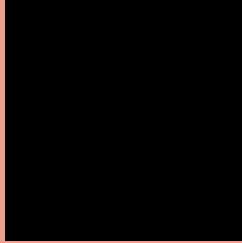
Any Text WCAG AA ✓ Pass

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, 163, 141 Background



This preview shows how black text looks on a background with the RYB color 236, 163, 141.



This preview shows how white text looks on a background with the RYB color 236, 163, 141.

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



Original Color
236, 163, 141

Protanopia
164, 188, 150

Deuteranopia
209, 198, 139



Tritanopia
238, 155, 167

Trichromacy



Original Color
236, 163, 141

Protanomaly
205, 188, 147

Deuteranomaly
219, 181, 140

Tritanomaly
237, 156, 158

Monochromacy



Original Color
236, 163, 141

Achromatopsia
180, 180, 180

Achromatomaly
200, 173, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 236, 163, 141 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, 159, 141) looks like.

```
.text, #text, p{  
    color:rgb(236, 159, 141)  
}
```

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, 159, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 159, 141) }
```

Border

The CSS property to change the border of an element to RYB 236, 163, 141 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, 159, 141) }
```

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

```
.border{ border-color:rgb(236, 159, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 159, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 159, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 159, 141);  
box-shadow:4px 4px 4px 4px rgb(236, 159,  
141) }
```

Background

The CSS property to change the background color of an element to RGB 236, 159, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 159, 141) }
```

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

```
.background{ background-color: rgb(236,  
159, 141) }
```

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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