

Converting Colors

`RYB(231, 195, 159)`

Have a look what the booklet for
RYB(231, 195, 159) contains.

RYB(231, 195, 159)	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(231, 195, 159)

Conversions

Conversions Part 1

Format	Color
Hex	E7B79F
RGB	231, 183, 159
RGB Percent	91%, 72%, 62%
CMY	0.0941, 0.2824, 0.3765
CMYK	0.00, 0.21, 0.31, 0.09
HSL	20°, 60%, 76%
HSV	20°, 31%, 91%
XYZ	56.1465, 53.3591, 40.1410
YIQ	194.6160, 36.3120, 2.7120

Conversions

Conversions Part 2

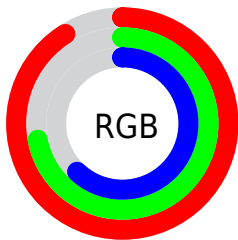
Format	Color
R_{YB}	231, 195, 159
Decimal	15185823
CIE _{Lab}	78.09, 13.99, 18.81
CIE _{LCh}	78, 23.440, 53.368
Yxy	53.3591, 0.3752, 0.3566
Android (android.graphics.Color)	4293375903 (0xFFE7B79F)
YUV	194.6160, -17.5587, 31.9088
Hunter-Lab	73.0473, 9.3680, 18.5521

Details

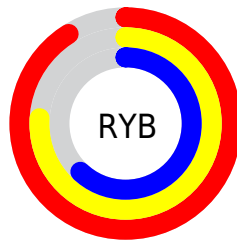
The RYB color **231, 195, 159** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **159, 188, 231**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **240, 255, 214**, and **174, 142, 107** is the 20% darker color. If you saturate the color by 10%, you get **231, 184, 136**, and if you desaturate by 10%, it is **231, 206, 182**.

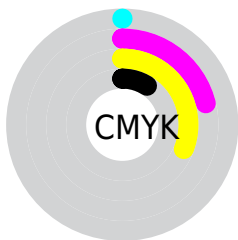
Distribution



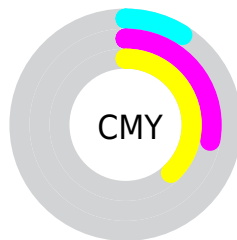
- Red (91%)
- Green (72%)
- Blue (62%)



- Red (91%)
- Yellow (76%)
- Blue (62%)



- Cyan (0%)
- Magenta (21%)
- Yellow (31%)
- Black (9%)




- Cyan (9%)
- Magenta (28%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 231, 195, 159 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 231, 195, 159 by changing the saturation by 10% instead.


 231, 195, 159

255, 255, 255

 240, 255, 214

 242, 255, 242

 231, 195, 159

 202, 168, 133

 174, 142, 107

 147, 117, 83

 120, 92, 60

 94, 67, 38

 69, 47, 17

 45, 23, 0

 14, 0, 0

 0, 0, 0

■ 231, 195, 159

■ 231, 195, 159

■ 231, 184, 136

■ 231, 206, 182

■ 231, 171, 113

■ 231, 219, 205

■ 231, 161, 90

■ 231, 230, 228

■ 231, 148, 67

■ 231, 239, 251

■ 231, 137, 44

■ 231, 243, 255

■ 231, 127, 20

■ 231, 116, 0

Harmonies

Analogous

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



238, 178, 177



231, 195, 159



188, 214, 150

Triad

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



231, 195, 159



144, 180, 205



191, 189, 233

Complementary

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



231, 195, 159



159, 188, 231

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.



161, 185, 236



231, 195, 159



133, 170, 209

Square

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



231, 195, 159



167, 202, 202



139, 176, 227



217, 182, 219

Rectangle

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



231, 195, 159



157, 200, 151



139, 176, 227



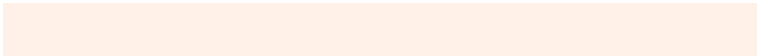
181, 190, 235

Sweetspot

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



231, 195, 159



255, 244, 232



231, 159, 207



128, 121, 113



0, 0, 0



128, 128, 128

Same Dimension

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



231, 195, 159



255, 207, 161



173, 231, 159



115, 109, 103



179, 88, 0



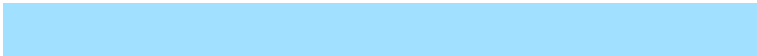
51, 26, 0

Inverse Universe

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



159, 188, 231



161, 199, 255



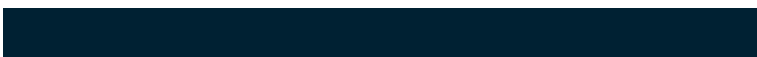
159, 169, 231



103, 108, 115



0, 71, 179



0, 20, 51

Previews

White Background



This preview shows how the RYB color 231, 195, 159 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 231, 195, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

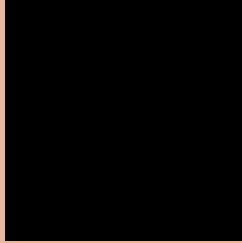
Any Text WCAG AA ✓ Pass

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](#).

RYP 231, 195, 159 Background



This preview shows how black text looks on a background with the RYP color 231, 195, 159.



This preview shows how white text looks on a background with the RYP color 231, 195, 159.

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
231, 195, 159

Protanopia
179, 204, 164

Deuteranopia
224, 207, 158



Tritanopia
235, 178, 192

Trichromacy



Original Color

231, 195, 159

Protanomaly

210, 214, 162

Deuteranomaly

227, 202, 158

Tritanomaly

234, 180, 180

Monochromacy



Original Color

231, 195, 159

Achromatopsia

195, 195, 195

Achromatomaly

208, 196, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 231, 195, 159 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(231, 183, 159)` looks like.

```
.text, #text, p{  
    color:rgb(231, 183, 159)  
}
```

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(231, 183, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 183, 159) }
```

Border

The CSS property to change the border of an element to RYB 231, 195, 159 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(231, 183, 159) }
```

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

```
.border{ border-color:rgb(231, 183, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 183, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 183, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 183, 159);  
box-shadow:4px 4px 4px 4px rgb(231, 183,  
159) }
```

Background

The CSS property to change the background color of an element to RGB 231, 183, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 183, 159) }
```

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

```
.background{ background-color: rgb(231,  
183, 159) }
```

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