

Converting Colors

`RYB(235, 157, 160)`

Have a look what the booklet for
RYB(235, 157, 160) contains.

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Color

R_YB(235, 157, 160)

Conversions

Conversions Part 1

Format	Color
Hex	EB9DA0
RGB	235, 157, 160
RGB Percent	92%, 62%, 63%
CMY	0.0784, 0.3843, 0.3725
CMYK	0.00, 0.33, 0.32, 0.08
HSL	358°, 66%, 77%
HSV	358°, 33%, 92%
XYZ	52.6631, 44.3142, 39.0355
YIQ	180.6640, 45.5250, 17.4690

Conversions

Conversions Part 2

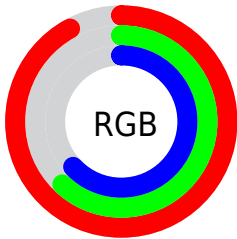
Format	Color
R _Y B	235, 157, 160
Decimal	15441312
CIE Lab	72.44, 29.47, 10.40
CIE LCh	72, 31.253, 19.438
Yxy	44.3142, 0.3872, 0.3258
Android (android.graphics.Color)	4293631392 (0xFFEB9DA0)
YUV	180.6640, -10.1874, 47.6527
Hunter-Lab	66.5689, 24.7169, 11.8310

Details

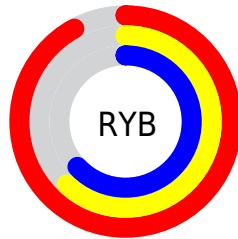
The RYB color **235, 157, 160** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **157, 197, 235**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **255, 212, 215**, and **177, 105, 109** is the 20% darker color. If you saturate the color by 10%, you get **235, 134, 137**, and if you desaturate by 10%, it is **235, 181, 183**.

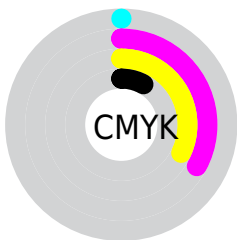
Distribution



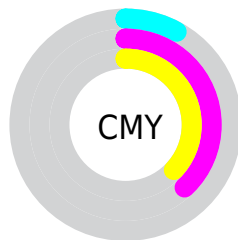
- Red (92%)
- Green (62%)
- Blue (63%)



- Red (92%)
- Yellow (62%)
- Blue (63%)



- Cyan (0%)
- Magenta (33%)
- Yellow (32%)
- Black (8%)



- Cyan (8%)
- Magenta (38%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 235, 157, 160 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 235, 157, 160 by changing the saturation by 10% instead.

 235, 157, 160

 235, 157, 160

255, 255, 255

 206, 130, 134

 255, 212, 215

 177, 105, 109

 255, 241, 243

 149, 80, 84

 122, 56, 61


 95, 32, 40

 69, 7, 19

 46, 0, 0

 0, 0, 0

 235, 157, 160

 235, 157, 160

 235, 134, 137

 235, 181, 183

 235, 110, 115

 235, 204, 205

 235, 87, 92

 235, 228, 228

 235, 63, 70

 235, 243, 251

 235, 40, 47

 235, 245, 255

 235, 16, 24

 235, 0, 9

Harmonies

Analogous

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



228, 157, 189



235, 157, 160



227, 175, 135

Triad

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



235, 157, 160



140, 189, 183



125, 163, 233

Complementary

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



235, 157, 160



157, 197, 235

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.



91, 147, 220



235, 157, 160



113, 161, 193

Square

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



235, 157, 160



123, 182, 126



88, 141, 196



168, 173, 231

Rectangle

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



235, 157, 160



215, 211, 125



88, 141, 196



112, 157, 230

Sweetspot

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



235, 157, 160



255, 230, 230



231, 157, 235



128, 112, 113



0, 0, 0



128, 128, 128

Same Dimension

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



235, 157, 160



255, 153, 157



235, 220, 157



117, 106, 106



181, 0, 7



54, 0, 2

Inverse Universe

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



235, 157, 160



255, 153, 157



157, 185, 235



117, 106, 106



181, 0, 7



54, 0, 2

Previews

White Background



This preview shows how the RYB color 235, 157, 160 looks on a white background.

Color Contrast Check

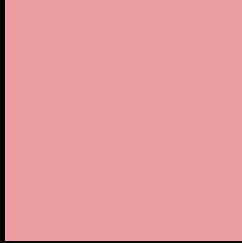
Large Text (above 18pt) WCAG AA × Fail

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 235, 157, 160 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 235, 157, 160 Background



This preview shows how black text looks on a background with the RYB color 235, 157, 160.

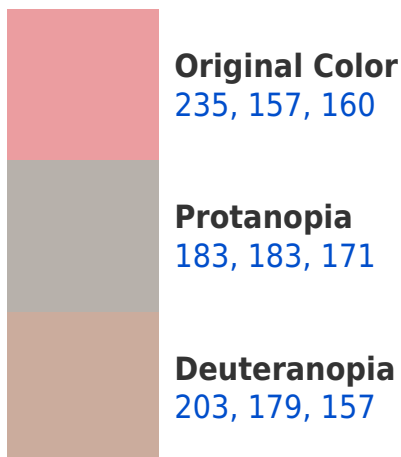



This preview shows how white text looks on a background with the RYB color 235, 157, 160.

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
236, 156, 168

Trichromacy



Original Color

235, 157, 160



Protanomaly

202, 170, 167



Deuteranomaly

215, 169, 158



Tritanomaly

236, 156, 165

Monochromacy



Original Color

235, 157, 160



Achromatopsia

181, 181, 181



Achromatomaly

201, 172, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 235, 157, 160 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(235, 157, 160)` looks like.

```
.text, #text, p{  
    color:rgb(235, 157, 160)  
}
```

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(235, 157, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 157, 160) }
```

Border

The CSS property to change the border of an element to RYB 235, 157, 160 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(235, 157, 160) }
```

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

```
.border{ border-color:rgb(235, 157, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 157, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 157, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 157, 160);  
box-shadow:4px 4px 4px 4px rgb(235, 157,  
160) }
```

Background

The CSS property to change the background color of an element to RYB 235, 157, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 157, 160) }
```

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

```
.background{ background-color: rgb(235,  
157, 160) }
```

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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