Converting Colors

RYB(227, 159, 158)

Have a look what the booklet for RYB(227, 159, 158) contains.

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Color

RYB(227, 159, 158)

Conversions

Conversions Part 1

Format	Color
Hex	E39F9E
RGB	227, 159, 158
RGB Percent	89%, 62%, 62%
CMY	0.1098, 0.3765, 0.3804
CMYK	0.00, 0.30, 0.30, 0.11
HSL	1°, 55%, 75%
HSV	1°, 30%, 89%
XYZ	50.2458, 43.5909, 38.1134
YIQ	179.2180, 40.8490, 14.1050

Conversions

Conversions Part 2

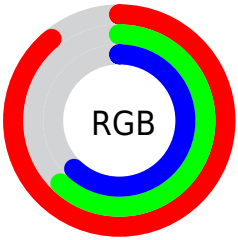
Format	Color
RYB	227, 159, 158
Decimal	14917534
CIELab	71.95, 25.17, 10.69
CIELCh	72, 27.352, 23.015
Yxy	43.5909, 0.3808, 0.3304
Android (android.graphics.Color)	4293107614 (0xFFE39F9E)
YUV	179.2180, -10.4605, 41.9048
Hunter-Lab	66.0234, 20.3030, 11.9900

Details

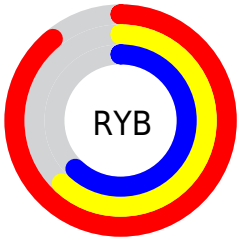
The RYB color 227, 159, 158 is a light color, and the websafe version is hex CC9999. A complement of this color would be 158, 192, 227, and the grayscale version is 179, 179, 179.

A 20% lighter version of the original color is 255, 214, 213, and 170, 107, 107 is the 20% darker color. If you saturate the color by 10%, you get 227, 137, 135, and if you desaturate by 10%, it is 227, 181, 181.

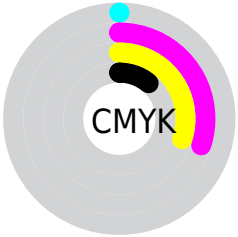
Distribution



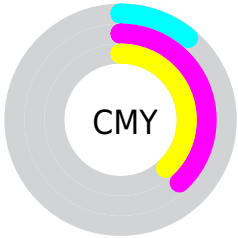
- Red (89%)
- Green (62%)
- Blue (62%)



- Red (89%)
- Yellow (62%)
- Blue (62%)



- Cyan (0%)
- Magenta (30%)
- Yellow (30%)
- Black (11%)



- Cyan (11%)
- Magenta (38%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 227, 159, 158 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 227, 159, 158 by changing the saturation by 10% instead.

227, 159, 158

255, 255, 255

255, 214, 213

255, 243, 241

227, 159, 158

198, 133, 132

170, 107, 107

142, 82, 83

116, 58, 60

89, 35, 38

64, 12, 17

42, 0, 0

0, 0, 0

227, 159, 158

227, 159, 158

227, 137, 135

227, 181, 181

227, 114, 113

227, 204, 203

227, 92, 90

227, 226, 226

227, 69, 67

227, 238, 249

227, 47, 45

227, 241, 255

227, 25, 22

227, 3, 0

Harmonies

Analogous

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

222, 159, 183

227, 159, 158

219, 180, 137

Triad

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

227, 159, 158

146, 187, 187

137, 166, 225

Complementary

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

227, 159, 158

158, 192, 227

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.

108, 153, 215

227, 159, 158

119, 161, 190

Square

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

227, 159, 158

130, 181, 137

102, 147, 195

172, 172, 222

Rectangle

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

227, 159, 158

199, 207, 129

102, 147, 195

126, 162, 223

Sweetspot

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

227, 159, 158

255, 232, 232

227, 158, 227

128, 114, 113

0, 0, 0

128, 128, 128

Same Dimension

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

227, 159, 158

255, 165, 163

225, 227, 158

115, 103, 103

179, 3, 0

51, 1, 0

Inverse Universe

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

158, 192, 227

163, 209, 255

158, 181, 227

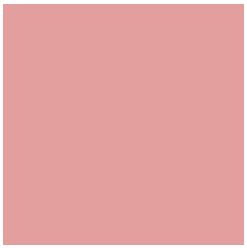
103, 109, 115

0, 89, 179

0, 25, 51

Previews

White Background

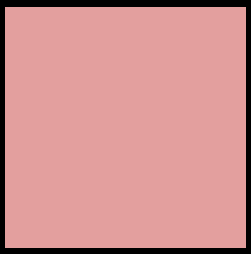


This preview shows how the RYB color 227, 159, 158 looks on a white background.

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



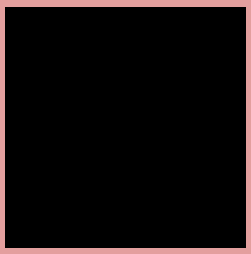
This preview shows how the RYB color 227, 159, 158 looks on a black background.

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 227, 159, 158 Background



This preview shows how black text looks on a background with the RYB color 227, 159, 158.

This preview shows how white text looks on a background with the RYB color 227, 159, 158.

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

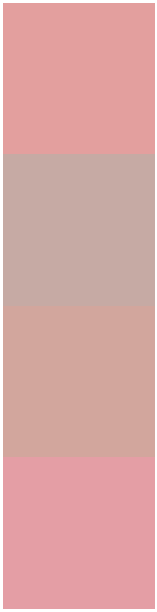
Original Color
227, 159, 158

Protanopia
177, 182, 167

Deuteranopia
201, 176, 156

Tritanopia
228, 157, 169

Trichromacy



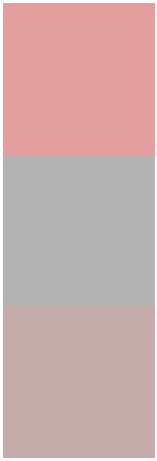
Original Color
227, 159, 158

Protanomaly
198, 171, 164

Deuteranomaly
210, 168, 157

Tritanomaly
228, 158, 165

Monochromacy



Original Color
227, 159, 158

Achromatopsia
179, 179, 179

Achromatomaly
196, 172, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 227, 159, 158 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(227, 159, 158) looks like.

```
.text, #text, p{
    color:rgb(227, 159, 158)
}
```

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(227, 159, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 159, 158) }
```

Border

The CSS property to change the border of an element to RYB 227, 159, 158 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(227, 159, 158) }
```

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

```
.border{ border-color:rgb(227, 159, 158) }
```

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

Here you see how a box with a 4 pixel rgb(227, 159, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 159, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 159, 158); box-shadow:4px 4px 4px 4px rgb(227, 159, 158) }
```

Background

The CSS property to change the background color of an element to RYB 227, 159, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(227, 159, 158) }
```

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

```
.background{ background-color:rgb(227,
159, 158) }
```

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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