

Converting Colors

`RYB(229, 158, 161)`

Have a look what the booklet for RYB(229, 158, 161) contains.

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Color

R_YB(229, 158, 161)

Conversions

Conversions Part 1

Format	Color
Hex	E59EA1
RGB	229, 158, 161
RGB Percent	90%, 62%, 63%
CMY	0.1020, 0.3804, 0.3686
CMYK	0.00, 0.31, 0.30, 0.10
HSL	357°, 58%, 76%
HSV	357°, 31%, 90%
XYZ	50.9730, 43.6849, 39.4637
YIQ	179.5710, 41.3530, 15.9850

Conversions

Conversions Part 2

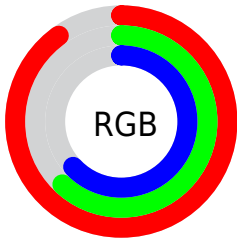
Format	Color
R_{YB}	229, 158, 161
Decimal	15048353
CIE _{Lab}	72.02, 26.84, 9.16
CIE _{LCh}	72, 28.362, 18.837
Yxy	43.6849, 0.3801, 0.3257
Android (android.graphics.Color)	4293238433 (0xFFE59EA1)
YUV	179.5710, -9.1555, 43.3492
Hunter-Lab	66.0946, 21.9959, 10.8654

Details

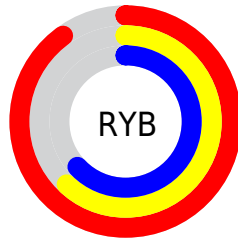
The RYB color **229, 158, 161** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **158, 194, 229**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **255, 213, 216**, and **172, 106, 110** is the 20% darker color. If you saturate the color by 10%, you get **229, 135, 139**, and if you desaturate by 10%, it is **229, 181, 183**.

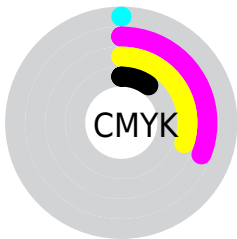
Distribution



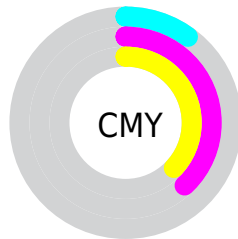
- Red (90%)
- Green (62%)
- Blue (63%)



- Red (90%)
- Yellow (62%)
- Blue (63%)



- Cyan (0%)
- Magenta (31%)
- Yellow (30%)
- Black (10%)




- Cyan (10%)
- Magenta (38%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the RYB color 229, 158, 161 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 229, 158, 161 by changing the saturation by 10% instead.

 229, 158, 161

 229, 158, 161

255, 255, 255

 200, 132, 135


 255, 213, 216

 172, 106, 110

 255, 242, 244

 144, 81, 85

 117, 57, 62


 91, 34, 40

 65, 10, 20

 44, 0, 0

 0, 0, 0

 229, 158, 161

 229, 158, 161

■ 229, 135, 139

■ 229, 181, 183

■ 229, 112, 117

■ 229, 204, 205

■ 229, 89, 95

■ 229, 227, 227

■ 229, 66, 73

■ 229, 240, 250

■ 229, 43, 51

■ 229, 242, 255

■ 229, 21, 29

■ 229, 0, 10

Harmonies

Analogous

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



222, 158, 187



229, 158, 161



222, 173, 139

Triad

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



229, 158, 161



142, 187, 180



130, 164, 227

Complementary

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



229, 158, 161



158, 194, 229

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, 151, 215



229, 158, 161



120, 162, 190

Square

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



229, 158, 161



127, 180, 129



99, 145, 192



167, 172, 225

Rectangle

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



229, 158, 161



211, 207, 129



99, 145, 192



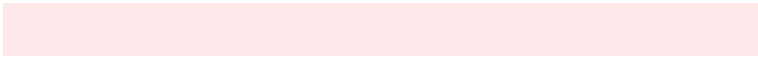
119, 159, 224

Sweetspot

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



229, 158, 161



255, 232, 233



225, 158, 229



128, 113, 114



0, 0, 0



128, 128, 128

Same Dimension

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



229, 158, 161



255, 161, 165



229, 216, 158



115, 103, 104



179, 0, 8



51, 0, 2

Inverse Universe

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



229, 158, 161



255, 161, 165



158, 183, 229



115, 103, 104



179, 0, 8



51, 0, 2

Previews

White Background



This preview shows how the RYB color 229, 158, 161 looks on a white background.

Color Contrast Check

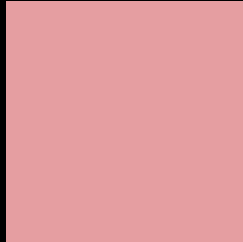
Large Text (above 18pt) WCAG AA × Fail

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 229, 158, 161 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 229, 158, 161 Background



This preview shows how black text looks on a background with the RYB color 229, 158, 161.

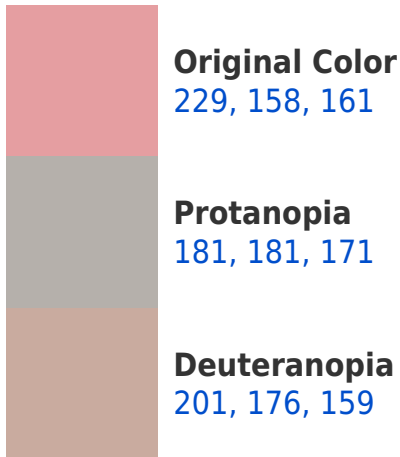


This preview shows how white text looks on a background with the RYB color 229, 158, 161.

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](#).

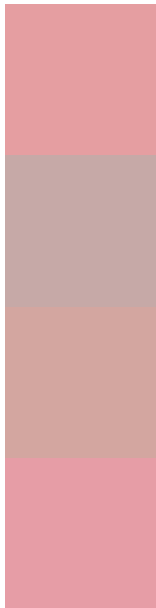
Dichromacy





Tritanopia
230, 157, 169

Trichromacy



Original Color
229, 158, 161

Protanomaly
198, 169, 167

Deuteranomaly
211, 167, 160

Tritanomaly
230, 157, 166

Monochromacy



Original Color
229, 158, 161

Achromatopsia
180, 180, 180

Achromatomaly
198, 172, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 229, 158, 161 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(229, 158, 161) looks like.

```
.text, #text, p{  
    color:rgb(229, 158, 161)  
}
```

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(229, 158, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 158, 161) }
```

Border

The CSS property to change the border of an element to RYB 229, 158, 161 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(229, 158, 161) }
```

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

```
.border{ border-color:rgb(229, 158, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 158, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 158, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 158, 161); box-shadow:4px 4px 4px 4px rgb(229, 158, 161) }
```

Background

The CSS property to change the background color of an element to RYB 229, 158, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 158, 161) }
```

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

```
.background{ background-color: rgb(229,  
158, 161) }
```

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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