

Converting Colors

`RYB(230, 157, 157)`

Have a look what the booklet for
RYB(230, 157, 157) contains.

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Color

`RYB(230, 157, 157)`

Conversions

Conversions Part 1

Format	Color
Hex	E69D9D
RGB	230, 157, 157
RGB Percent	90%, 62%, 62%
CMY	0.0980, 0.3843, 0.3843
CMYK	0.00, 0.32, 0.32, 0.10
HSL	0°, 59%, 76%
HSV	0°, 32%, 90%
XYZ	50.7759, 43.3713, 37.5936
YIQ	178.8270, 43.5080, 15.4760

Conversions

Conversions Part 2

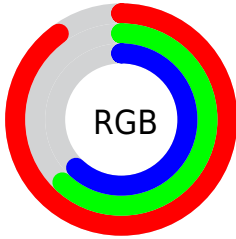
Format	Color
R_{YB}	230, 157, 157
Decimal	15113629
CIE _{Lab}	71.81, 27.23, 11.08
CIE _{LCh}	72, 29.398, 22.147
Yxy	43.3713, 0.3854, 0.3292
Android (android.graphics.Color)	4293303709 (0xFFE69D9D)
YUV	178.8270, -10.7607, 44.8787
Hunter-Lab	65.8569, 22.3747, 12.2548

Details

The RYB color **230, 157, 157** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **157, 194, 230**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **255, 212, 212**, and **173, 105, 106** is the 20% darker color. If you saturate the color by 10%, you get **230, 134, 134**, and if you desaturate by 10%, it is **230, 180, 180**.

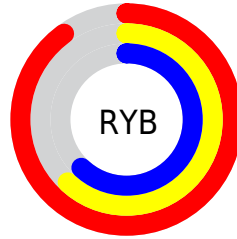
Distribution



Red (90%)

Green (62%)

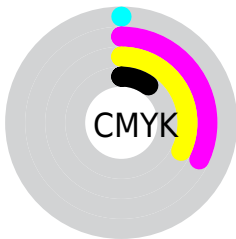
Blue (62%)



Red (90%)

Yellow (62%)

Blue (62%)

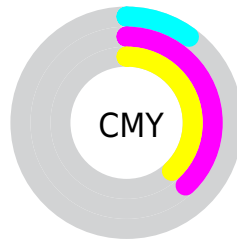


Cyan (0%)

Magenta (32%)

Yellow (32%)

Black (10%)



Cyan (10%)


Magenta (38%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the RYB color 230, 157, 157 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 230, 157, 157 by changing the saturation by 10% instead.

 230, 157, 157

 230, 157, 157

255, 255, 255

 201, 131, 131


 255, 212, 212

 173, 105, 106

 255, 241, 240

 145, 80, 82

 118, 56, 59


 91, 33, 37


 66, 9, 16

 43, 0, 0


 0, 0, 0

 230, 157, 157

 230, 157, 157

 230, 134, 134

 230, 180, 180

 230, 111, 111

 230, 203, 203

 230, 88, 88

 230, 226, 226

 230, 65, 65

 230, 240, 249

 230, 42, 42

 230, 243, 255

 230, 19, 19

 230, 0, 0

Harmonies

Analogous

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



224, 157, 184



230, 157, 157



221, 177, 135

Triad

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



230, 157, 157



142, 187, 185



131, 164, 229

Complementary

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



230, 157, 157



157, 194, 230

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.



99, 149, 217



230, 157, 157



114, 158, 190

Square

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



230, 157, 157



126, 180, 132



93, 143, 195



170, 172, 225

Rectangle

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



230, 157, 157



201, 209, 125



93, 143, 195



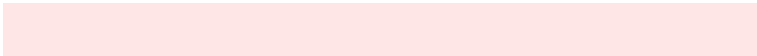
119, 159, 226

Sweetspot

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



230, 157, 157



255, 230, 230



230, 157, 230



128, 112, 112



0, 0, 0



128, 128, 128

Same Dimension

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



230, 157, 157



255, 158, 158



228, 230, 157



115, 103, 103



179, 0, 0



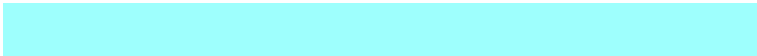
51, 0, 0

Inverse Universe

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



157, 194, 230



158, 207, 255



157, 182, 230



103, 109, 115



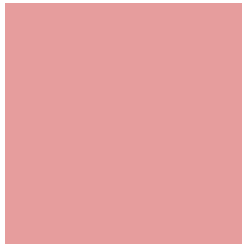
0, 90, 179



0, 26, 51

Previews

White Background



This preview shows how the RYB color 230, 157, 157 looks on a white background.

Color Contrast Check

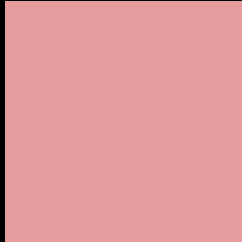
Large Text (above 18pt) WCAG AA × Fail

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 230, 157, 157 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 230, 157, 157 Background



This preview shows how black text looks on a background with the RYB color 230, 157, 157.

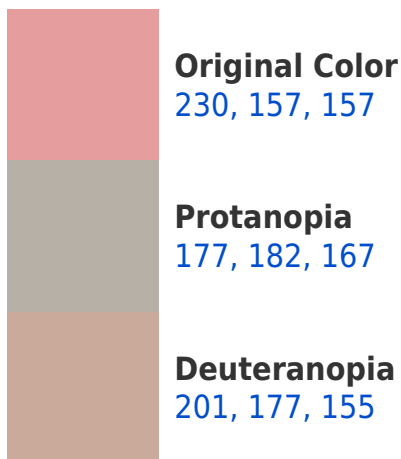



This preview shows how white text looks on a background with the RYB color 230, 157, 157.

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](#).

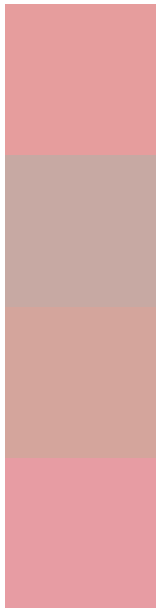
Dichromacy





Tritanopia
231, 155, 167

Trichromacy



Original Color
230, 157, 157

Protanomaly
199, 170, 163

Deuteranomaly
212, 167, 156

Tritanomaly
231, 156, 163

Monochromacy



Original Color
230, 157, 157

Achromatopsia
179, 179, 179

Achromatomaly
198, 171, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 157, 157 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(230, 157, 157) looks like.

```
.text, #text, p{  
    color:rgb(230, 157, 157)  
}
```

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(230, 157, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 157, 157) }
```

Border

The CSS property to change the border of an element to RYB 230, 157, 157 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(230, 157, 157) }
```

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

```
.border{ border-color:rgb(230, 157, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 157, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 157, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 157, 157);  
box-shadow:4px 4px 4px 4px rgb(230, 157,  
157) }
```

Background

The CSS property to change the background color of an element to RGB 230, 157, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 157, 157) }
```

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

```
.background{ background-color: rgb(230,  
157, 157) }
```

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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