

Converting Colors

RGB(158, 172, 171)

Have a look what the booklet for
RGB(158, 172, 171) contains.

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Color

RGB(158, 172, 171)

Conversions

Conversions Part 1

Format	Color
Hex	9EACAB
RGB	158, 172, 171
RGB Percent	62%, 67%, 67%
CMY	0.3804, 0.3255, 0.3294
CMYK	0.08, 0.00, 0.01, 0.33
HSL	176°, 8%, 65%
HSV	176°, 8%, 67%
XYZ	36.2038, 39.7144, 44.2856
YIQ	167.7000, -8.0230, -3.2790

Conversions

Conversions Part 2

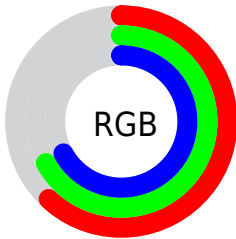
Format	Color
RYB	158, 165, 172
Decimal	10398891
CIELab	69.27, -5.08, -1.17
CIELCh	69, 5.213, 193.002
Yxy	39.7144, 0.3012, 0.3304
Android (android.graphics.Color)	4288588971 (0xFF9EACAB)
YUV	167.7000, 1.6269, -8.5069
Hunter-Lab	63.0194, -7.7381, 2.4487

Details

The RGB color **158, 172, 171** is a light color, and the websafe version is hex **999999**. A complement of this color would be **172, 158, 159**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **213, 227, 226**, and **107, 120, 119** is the 20% darker color. If you saturate the color by 10%, you get **141, 172, 170**, and if you desaturate by 10%, it is **175, 172, 172**.

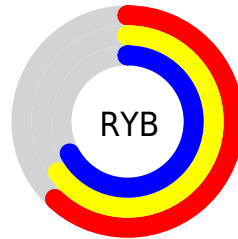
Distribution



Red (62%)

Green (67%)

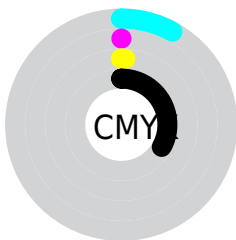
Blue (67%)



Red (62%)

Yellow (65%)

Blue (67%)

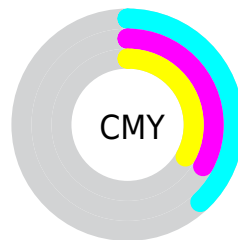


Cyan (8%)

Magenta (0%)

Yellow (1%)

Black (33%)



Cyan (38%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 158, 172, 171 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 RGB color 158, 172, 171 by changing the saturation by 10% instead.


 158, 172, 171

255, 255, 255

 213, 227, 226

 241, 255, 255

 158, 172, 171

 132, 145, 145

 107, 120, 119

 82, 95, 94


 59, 71, 71


 37, 49, 48

 17, 28, 27

 0, 0, 0

 158, 172, 171

 141, 172, 170

 158, 172, 171

 175, 172, 172

■ 124, 172, 169

■ 192, 172, 173

■ 106, 172, 167

■ 210, 172, 175

■ 89, 172, 166

■ 227, 172, 176

■ 72, 172, 165

■ 244, 172, 177

■ 55, 172, 164

■ 255, 172, 178

■ 38, 172, 162

■ 255, 172, 180

■ 20, 172, 161

■ 255, 172, 181

■ 3, 172, 160

■ 255, 172, 182

Harmonies

Analogous

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



161, 172, 166



158, 172, 171



158, 171, 175

Triad

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



158, 172, 171



173, 167, 176



176, 168, 160

Complementary

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



158, 172, 171



172, 158, 159

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.



179, 167, 163



158, 172, 171



177, 166, 172

Square

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



158, 172, 171



167, 169, 178



180, 166, 167



171, 169, 160

Rectangle

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



158, 172, 171



160, 171, 177



180, 166, 167



177, 167, 161

Sweetspot

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



158, 172, 171



220, 224, 224



159, 172, 158



110, 112, 112



240, 240, 240



112, 112, 112

Same Dimension

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



158, 172, 171



202, 224, 223



158, 166, 172



78, 87, 86



0, 150, 140



0, 23, 21

Inverse Universe

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



172, 158, 159



224, 202, 204



172, 164, 158



87, 78, 79



150, 0, 11



23, 0, 2

Previews

White Background



This preview shows how the RGB color 158, 172, 171 looks on a white background.

Color Contrast Check

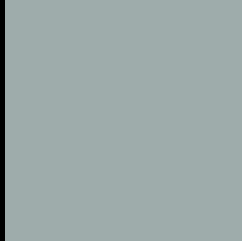
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 158, 172, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

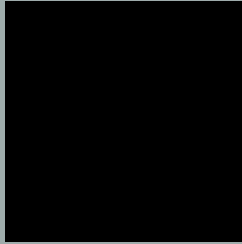
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

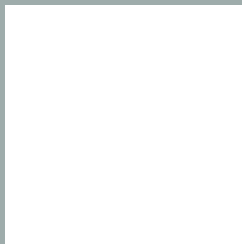
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 158, 172, 171 Background



This preview shows how black text looks on a background with the RGB color 158, 172, 171.



This preview shows how white text looks on a background with the RGB color 158, 172, 171.

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](#).

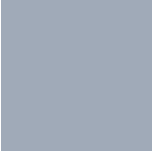
Dichromacy



Original Color
158, 172, 171

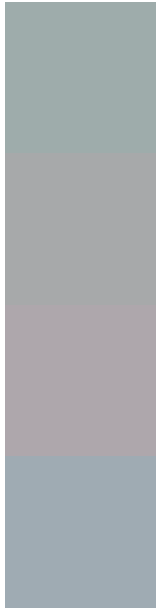
Protanopia
172, 168, 169

Deuteranopia
183, 164, 173



Tritanopia
160, 170, 184

Trichromacy



Original Color
158, 172, 171

Protanomaly
167, 169, 170

Deuteranomaly
174, 167, 172

Tritanomaly
159, 171, 179

Monochromacy



Original Color
158, 172, 171

Achromatopsia
168, 168, 168

Achromatomaly
164, 169, 169

CSS Examples

Text

The CSS property to change the color of the text to RGB 158, 172, 171 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(158, 172, 171)` looks like.

```
.text, #text, p{  
    color:rgb(158, 172, 171)  
}
```

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(158, 172, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 172, 171) }
```

Border

The CSS property to change the border of an element to RGB 158, 172, 171 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(158, 172, 171) }
```

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

```
.border{ border-color:rgb(158, 172, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 172, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 172, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 172, 171);  
box-shadow:4px 4px 4px 4px rgb(158, 172,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 158, 172, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 172, 171) }
```

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

```
.background{ background-color: rgb(158,  
172, 171) }
```

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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