

Converting Colors

RGB(153, 152, 158)

Have a look what the booklet for
RGB(153, 152, 158) contains.

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Color

RGB(153, 152, 158)

Conversions

Conversions Part 1

Format	Color
Hex	99989E
RGB	153, 152, 158
RGB Percent	60%, 60%, 62%
CMY	0.4000, 0.4039, 0.3804
CMYK	0.03, 0.04, 0.00, 0.38
HSL	250°, 3%, 61%
HSV	250°, 4%, 62%
XYZ	30.5367, 31.6974, 36.8565
YIQ	152.9830, -1.3300, 2.0780

Conversions

Conversions Part 2

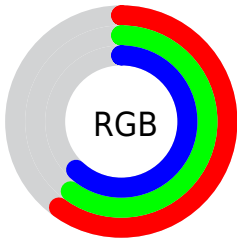
Format	Color
R_{YB}	153, 152, 158
Decimal	10066078
CIE Lab	63.09, 1.54, -3.02
CIE LCh	63, 3.388, 296.975
Yxy	31.6974, 0.3082, 0.3199
Android (android.graphics.Color)	4288256158 (0xFF99989E)
YUV	152.9830, 2.4734, 0.0149
Hunter-Lab	56.3004, -1.7096, 0.5967

Details

The RGB color **153, 152, 158** is a light color, and the websafe version is hex **999999**. A complement of this color would be **157, 158, 152**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **207, 206, 213**, and **102, 101, 107** is the 20% darker color. If you saturate the color by 10%, you get **140, 136, 158**, and if you desaturate by 10%, it is **166, 168, 158**.

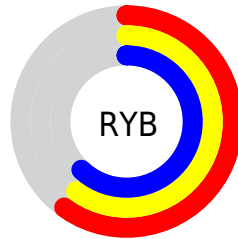
Distribution



Red (60%)

Green (60%)

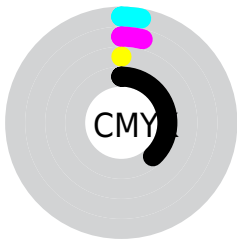
Blue (62%)



Red (60%)

Yellow (60%)

Blue (62%)

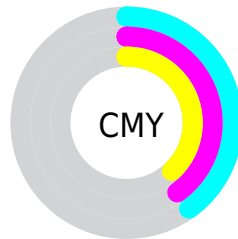


Cyan (3%)

Magenta (4%)

Yellow (0%)

Black (38%)



Cyan (40%)

Magenta (40%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 153, 152, 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 RGB color 153, 152, 158 by changing the saturation by 10% instead.

 153, 152, 158

255, 255, 255


 207, 206, 213

 236, 234, 241

 153, 152, 158

 127, 126, 132

 102, 101, 107

 78, 77, 83

 55, 55, 60

 34, 33, 38

 12, 10, 17

 0, 0, 0

 153, 152, 158

 140, 136, 158

 153, 152, 158

 166, 168, 158

■ 127, 120, 158

■ 179, 184, 158

■ 113, 105, 158

■ 193, 199, 158

■ 100, 89, 158

■ 206, 215, 158

■ 87, 73, 158

■ 219, 231, 158

■ 74, 57, 158

■ 232, 247, 158

■ 61, 41, 158

■ 245, 255, 158

■ 48, 26, 158

■ 255, 255, 158

■ 34, 10, 158

Harmonies

Analogous

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



149, 153, 159



153, 152, 158



156, 151, 156

Triad

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



153, 152, 158



158, 151, 148



146, 155, 152

Complementary

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



153, 152, 158



157, 158, 152

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.



149, 154, 149



153, 152, 158



156, 152, 147

Square

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



153, 152, 158



159, 151, 150



152, 153, 147



146, 154, 155

Rectangle

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



153, 152, 158



158, 151, 154



152, 153, 147



147, 154, 151

Sweetspot

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



153, 152, 158



205, 204, 207



152, 157, 158



104, 104, 105



232, 232, 232



105, 105, 105

Same Dimension

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



153, 152, 158



198, 196, 207



156, 152, 158



75, 74, 79



24, 0, 143



3, 0, 15

Inverse Universe

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



158, 152, 157



207, 196, 205



154, 158, 152



79, 74, 78



143, 0, 119



15, 0, 13

Previews

White Background



This preview shows how the RGB color 153, 152, 158 looks on a white background.

Color Contrast Check

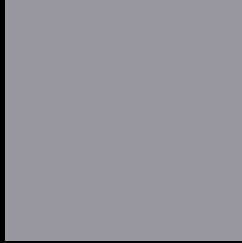
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 153, 152, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

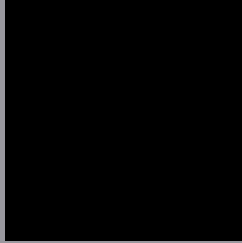
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

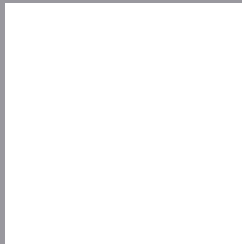
Any Text WCAG AAA ✓ Pass

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

RGB 153, 152, 158 Background



This preview shows how black text looks on a background with the RGB color 153, 152, 158.



This preview shows how white text looks on a background with the RGB color 153, 152, 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


153, 152, 158

Protanopia

154, 152, 158

Deuteranopia

165, 148, 159



Tritanopia
154, 151, 163

Trichromacy



Original Color

153, 152, 158

Protanomaly

154, 152, 158

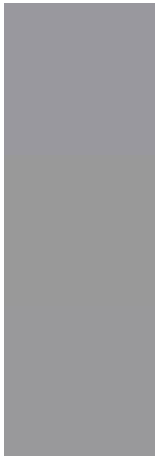
Deuteranomaly

161, 149, 159

Tritanomaly

154, 151, 161

Monochromacy



Original Color

153, 152, 158

Achromatopsia

153, 153, 153

Achromatomaly

153, 153, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 153, 152, 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(153, 152, 158) looks like.

```
.text, #text, p{  
    color:rgb(153, 152, 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(153, 152, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 152, 158) }
```

Border

The CSS property to change the border of an element to RGB 153, 152, 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(153, 152, 158) }
```

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

```
.border{ border-color:rgb(153, 152, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 152, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 152, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 152, 158);  
box-shadow:4px 4px 4px 4px rgb(153, 152,  
158) }
```

Background

The CSS property to change the background color of an element to RGB 153, 152, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 152, 158) }
```

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

```
.background{ background-color: rgb(153,  
152, 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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