

Converting Colors

RGB(153, 150, 163)

Have a look what the booklet for
RGB(153, 150, 163) contains.

RGB(153, 150, 163)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(153, 150, 163)

Conversions

Conversions Part 1

Format	Color
Hex	9996A3
RGB	153, 150, 163
RGB Percent	60%, 59%, 64%
CMY	0.4000, 0.4118, 0.3608
CMYK	0.06, 0.08, 0.00, 0.36
HSL	254°, 7%, 61%
HSV	254°, 8%, 64%
XYZ	30.6541, 31.2293, 39.0626
YIQ	152.3790, -2.3850, 4.6790

Conversions

Conversions Part 2

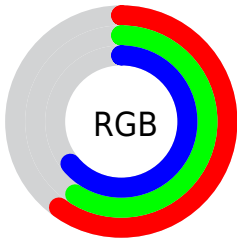
Format	Color
R_{YB}	153, 150, 163
Decimal	10065571
CIE _{Lab}	62.70, 3.66, -6.42
CIE _{LCh}	63, 7.391, 299.693
Yxy	31.2293, 0.3037, 0.3094
Android (android.graphics.Color)	4288255651 (0xFF9996A3)
YUV	152.3790, 5.2362, 0.5446
Hunter-Lab	55.8832, 0.1184, -2.3257

Details

The RGB color **153, 150, 163** is a light color, and the websafe version is hex **999999**. A complement of this color would be **160, 163, 150**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **207, 204, 218**, and **102, 99, 111** is the 20% darker color. If you saturate the color by 10%, you get **140, 134, 163**, and if you desaturate by 10%, it is **166, 166, 163**.

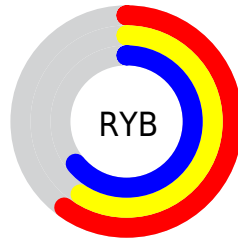
Distribution



Red (60%)

Green (59%)

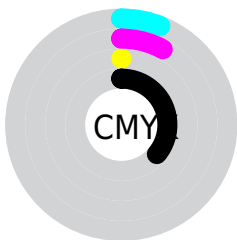
Blue (64%)



Red (60%)

Yellow (59%)

Blue (64%)

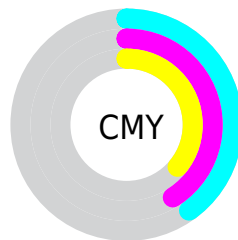


Cyan (6%)

Magenta (8%)

Yellow (0%)

Black (36%)



Cyan (40%)

Magenta (41%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 153, 150, 163 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, 150, 163 by changing the saturation by 10% instead.

■ 153, 150, 163

255, 255, 255

■ 207, 204, 218

■ 236, 232, 246

■ 153, 150, 163

■ 127, 124, 137

■ 102, 99, 111

■ 78, 75, 87

■ 55, 53, 64

■ 34, 32, 42

■ 12, 8, 22

■ 0, 0, 0

■ 153, 150, 163

■ 140, 134, 163

■ 153, 150, 163

■ 166, 166, 163

■ 128, 117, 163

■ 178, 183, 163

■ 115, 101, 163

■ 191, 199, 163

■ 103, 85, 163

■ 203, 215, 163

■ 90, 69, 163

■ 216, 231, 163

■ 78, 52, 163

■ 228, 248, 163

■ 65, 36, 163

■ 241, 255, 163

■ 53, 20, 163

■ 253, 255, 163

■ 40, 3, 163

■ 255, 255, 163

Harmonies

Analogous

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



145, 152, 165



153, 150, 163



160, 148, 158

Triad

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



153, 150, 163



163, 149, 141



137, 156, 151

Complementary

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



153, 150, 163



160, 163, 150

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.



143, 155, 145



153, 150, 163



157, 151, 139

Square

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



153, 150, 163



166, 148, 145



150, 153, 140



136, 155, 158

Rectangle

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



153, 150, 163



164, 147, 154



150, 153, 140



139, 155, 149

Sweetspot

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



153, 150, 163



208, 207, 212



150, 160, 163



105, 105, 107



235, 235, 235



107, 107, 107

Same Dimension

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



153, 150, 163



195, 190, 212



159, 150, 163



75, 73, 82



34, 0, 145



4, 0, 18

Inverse Universe

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



163, 150, 160



212, 190, 207



154, 163, 150



82, 73, 80



145, 0, 112



18, 0, 14

Previews

White Background



This preview shows how the RGB color 153, 150, 163 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, 150, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

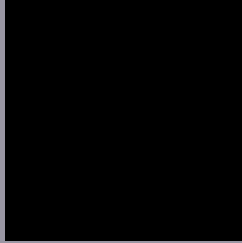
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

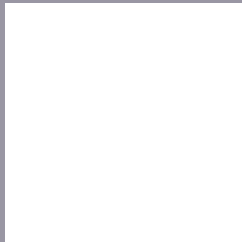
Any Text WCAG AAA ✓ Pass

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

RGB 153, 150, 163 Background



This preview shows how black text looks on a background with the RGB color 153, 150, 163.

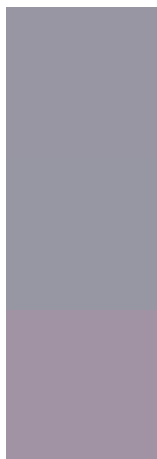


This preview shows how white text looks on a background with the RGB color 153, 150, 163.

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, 150, 163

Protanopia

151, 151, 163

Deuteranopia

161, 147, 164



Tritanopia
153, 150, 162

Trichromacy



Original Color

153, 150, 163

Protanomaly

152, 151, 163

Deuteranomaly

158, 148, 164

Tritanomaly

153, 150, 162

Monochromacy



Original Color

153, 150, 163

Achromatopsia

152, 152, 152

Achromatomaly

152, 151, 156

CSS Examples

Text

The CSS property to change the color of the text to RGB 153, 150, 163 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, 150, 163) looks like.

```
.text, #text, p{  
  color:rgb(153, 150, 163)  
}
```

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, 150, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 150, 163) }
```

Border

The CSS property to change the border of an element to RGB 153, 150, 163 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, 150, 163) }
```

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

```
.border{ border-color:rgb(153, 150, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 150, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 150, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 150, 163);  
box-shadow:4px 4px 4px 4px rgb(153, 150,  
163) }
```

Background

The CSS property to change the background color of an element to RGB 153, 150, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 150, 163) }
```

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

```
.background{ background-color: rgb(153,  
150, 163) }
```

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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