

Converting Colors

RGB(150, 154, 153)

Have a look what the booklet for
RGB(150, 154, 153) contains.

| | |
|---|----|
| RGB(150, 154, 153) | 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(150, 154, 153)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 969A99 |
| RGB | 150, 154, 153 |
| RGB Percent | 59%, 60%, 60% |
| CMY | 0.4118, 0.3961, 0.4000 |
| CMYK | 0.03, 0.00, 0.01, 0.40 |
| HSL | 165°, 2%, 60% |
| HSV | 165°, 3%, 60% |
| XYZ | 29.8830, 31.8951, 34.7184 |
| YIQ | 152.6900, -2.0630, -1.1590 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 150, 152, 154 |
| Decimal | 9869977 |
| CIELab | 63.26, -1.63, 0.01 |
| CIELCh | 63, 1.632, 179.538 |
| Yxy | 31.8951, 0.3097, 0.3305 |
| Android (android.graphics.Color) | 4288060057 (0xFF969A99) |
| YUV | 152.6900, 0.1528, -2.3591 |
| Hunter-Lab | 56.4758, -4.3829, 3.0847 |

Details

The RGB color **150, 154, 153** is a light color, and the websafe version is hex **999999**. A complement of this color would be **154, 150, 151**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **204, 208, 207**, and **99, 103, 102** is the 20% darker color. If you saturate the color by 10%, you get **135, 154, 149**, and if you desaturate by 10%, it is **165, 154, 157**.

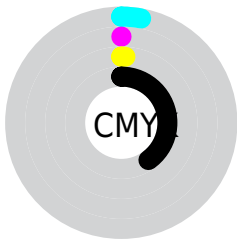
Distribution



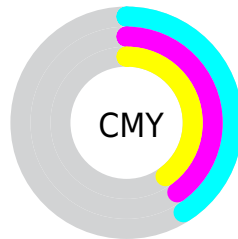
- Red (59%)
- Green (60%)
- Blue (60%)



- Red (59%)
- Yellow (60%)
- Blue (60%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (40%)



- Cyan (41%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 150, 154, 153 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 150, 154, 153 by changing the saturation by 10% instead.

■ 150, 154, 153

255, 255, 255

■ 204, 208, 207

■ 232, 237, 235

■ 150, 154, 153

■ 124, 128, 127

■ 99, 103, 102

■ 75, 79, 78

■ 53, 56, 55

■ 32, 35, 34

■ 8, 13, 12

■ 0, 0, 0


■ 150, 154, 153


■ 135, 154, 149

■ 150, 154, 153


■ 165, 154, 157

 119, 154, 145


 181, 154, 161

 104, 154, 141


 196, 154, 165

 88, 154, 138


 212, 154, 168

 73, 154, 134


 227, 154, 172

 58, 154, 130


 242, 154, 176

 42, 154, 126

 255, 154, 180

 27, 154, 122

 255, 154, 184

 11, 154, 118

 255, 154, 188

Harmonies

Analogous

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



151, 154, 152



150, 154, 153



150, 154, 154

Triad

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



150, 154, 153



153, 153, 156



156, 153, 151

Complementary

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



150, 154, 153



154, 150, 151

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.



156, 152, 152



150, 154, 153



155, 152, 155

Square

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



150, 154, 153



152, 153, 156



156, 152, 153



154, 153, 150

Rectangle

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



150, 154, 153



150, 154, 155



156, 152, 153



156, 152, 151

Sweetspot

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



150, 154, 153



199, 201, 201



151, 154, 150



101, 102, 102



230, 230, 230



102, 102, 102

Same Dimension

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



150, 154, 153



195, 201, 200



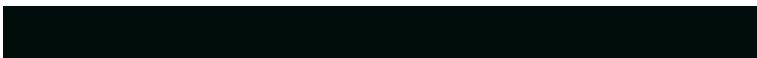
150, 153, 154



73, 77, 76



0, 140, 105



0, 13, 10

Inverse Universe

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



154, 150, 151



201, 195, 197



154, 151, 150



77, 73, 74



140, 0, 35



13, 0, 3

Previews

White Background



This preview shows how the RGB color 150, 154, 153 looks on a white background.

Color Contrast Check

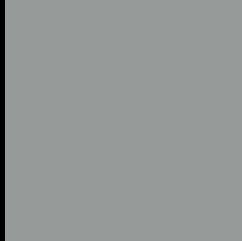
Large Text (above 18pt) WCAG AA × Fail

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 150, 154, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

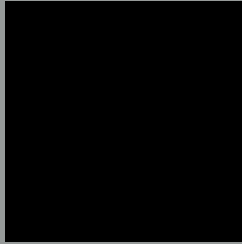
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

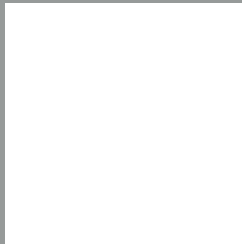
Any Text WCAG AAA ✓ Pass

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

RGB 150, 154, 153 Background



This preview shows how black text looks on a background with the RGB color 150, 154, 153.

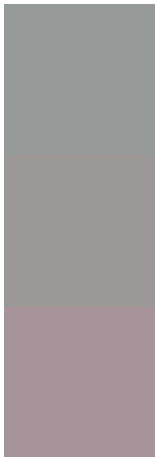


This preview shows how white text looks on a background with the RGB color 150, 154, 153.

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
150, 154, 153

Protanopia
156, 152, 152

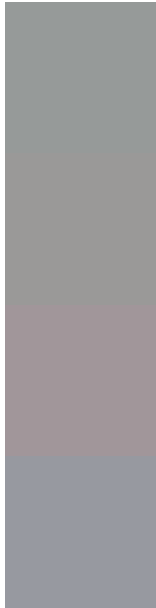
Deuteranopia
167, 148, 154



Tritanopia

152, 152, 164

Trichromacy



Original Color

150, 154, 153

Protanomaly

154, 153, 152

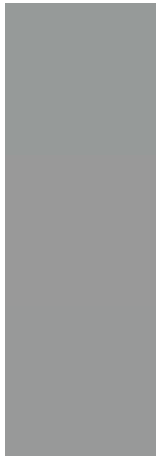
Deuteranomaly

161, 150, 154

Tritanomaly

151, 153, 160

Monochromacy



Original Color

150, 154, 153

Achromatopsia

153, 153, 153

Achromatomaly

152, 153, 153

CSS Examples

Text

The CSS property to change the color of the text to RGB 150, 154, 153 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(150, 154, 153) looks like.

```
.text, #text, p{  
    color:rgb(150, 154, 153)  
}
```

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(150, 154, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 154, 153) }
```

Border

The CSS property to change the border of an element to RGB 150, 154, 153 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(150, 154, 153) }
```

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

```
.border{ border-color:rgb(150, 154, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 154, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 154, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 154, 153);  
box-shadow:4px 4px 4px 4px rgb(150, 154,  
153) }
```

Background

The CSS property to change the background color of an element to RGB 150, 154, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 154, 153) }
```

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

```
.background{ background-color: rgb(150,  
154, 153) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor