

Converting Colors

RGB(153, 153, 155)

Have a look what the booklet for
RGB(153, 153, 155) contains.

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Color

RGB(153, 153, 155)

Conversions

Conversions Part 1

Format	Color
Hex	99999B
RGB	153, 153, 155
RGB Percent	60%, 60%, 61%
CMY	0.4000, 0.4000, 0.3922
CMYK	0.01, 0.01, 0.00, 0.39
HSL	240°, 1%, 60%
HSV	240°, 1%, 61%
XYZ	30.4445, 31.9213, 35.5672
YIQ	153.2280, -0.6420, 0.6220

Conversions

Conversions Part 2

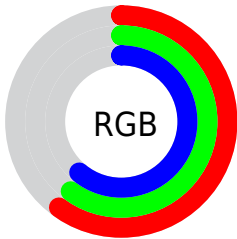
Format	Color
RYB	153, 153, 155
Decimal	10066331
CIELab	63.28, 0.39, -1.05
CIELCh	63, 1.124, 290.346
Yxy	31.9213, 0.3109, 0.3260
Android (android.graphics.Color)	4288256411 (0xFF99999B)
YUV	153.2280, 0.8736, -0.2000
Hunter-Lab	56.4990, -2.6884, 2.2251

Details

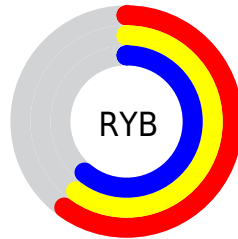
The RGB color **153, 153, 155** is a light color, and the websafe version is hex **999999**. A complement of this color would be **155, 155, 153**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **207, 207, 209**, and **102, 102, 104** is the 20% darker color. If you saturate the color by 10%, you get **138, 138, 155**, and if you desaturate by 10%, it is **169, 169, 155**.

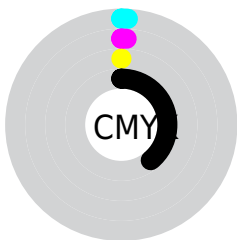
Distribution



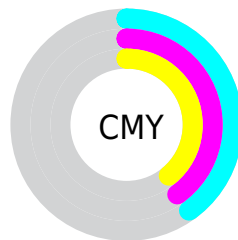
- Red (60%)
- Green (60%)
- Blue (61%)



- Red (60%)
- Yellow (60%)
- Blue (61%)



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (39%)



- Cyan (40%)
- Magenta (40%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 153, 153, 155 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, 153, 155 by changing the saturation by 10% instead.


 153, 153, 155


255, 255, 255


 207, 207, 209


 236, 236, 238

 153, 153, 155

 127, 127, 129

 102, 102, 104

 78, 78, 80

 55, 55, 57


 34, 34, 36

 12, 12, 14

 0, 0, 0

 153, 153, 155

 138, 138, 155

 153, 153, 155

 169, 169, 155

■ 122, 122, 155

■ 184, 184, 155

■ 106, 106, 155

■ 200, 200, 155

■ 91, 91, 155

■ 215, 215, 155

■ 75, 75, 155

■ 230, 230, 155

■ 60, 60, 155

■ 246, 246, 155

■ 45, 45, 155

■ 255, 255, 155

■ 29, 29, 155

■ 14, 14, 155

Harmonies

Analogous

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



152, 153, 155



153, 153, 155



154, 153, 154

Triad

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



153, 153, 155



155, 153, 152



151, 154, 153

Complementary

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



153, 153, 155



155, 155, 153

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.



152, 154, 152



153, 153, 155



154, 153, 151

Square

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



153, 153, 155



155, 153, 152



153, 153, 151



151, 154, 154

Rectangle

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



153, 153, 155



155, 153, 154



153, 153, 151



151, 154, 152

Sweetspot

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



153, 153, 155



201, 201, 201



153, 155, 155



102, 102, 102



230, 230, 230

Same Dimension

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



153, 153, 155



197, 197, 201



154, 153, 155



75, 75, 77



0, 0, 140



0, 0, 13

Inverse Universe

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



155, 153, 155



201, 197, 201



154, 155, 153



77, 75, 77



140, 0, 140



13, 0, 13

Previews

White Background



This preview shows how the RGB color 153, 153, 155 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, 153, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

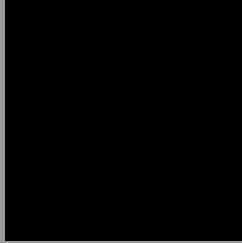
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

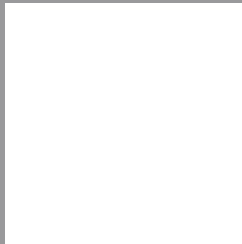
Any Text WCAG AAA ✓ Pass

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

RGB 153, 153, 155 Background



This preview shows how black text looks on a background with the RGB color 153, 153, 155.



This preview shows how white text looks on a background with the RGB color 153, 153, 155.

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, 153, 155

Protanopia

155, 152, 155

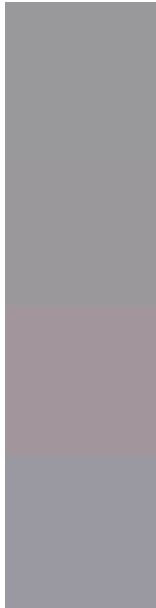
Deuteranopia

167, 148, 156



Tritanopia
154, 152, 164

Trichromacy



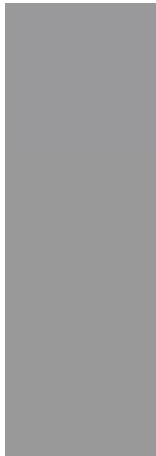
Original Color
153, 153, 155

Protanomaly
154, 152, 155

Deuteranomaly
162, 150, 156

Tritanomaly
154, 152, 161

Monochromacy



Original Color
153, 153, 155

Achromatopsia
153, 153, 153

Achromatomaly
153, 153, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 153, 153, 155 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, 153, 155)` looks like.

```
.text, #text, p{  
    color:rgb(153, 153, 155)  
}
```

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, 153, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 153, 155) }
```

Border

The CSS property to change the border of an element to RGB 153, 153, 155 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, 153, 155) }
```

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

```
.border{ border-color:rgb(153, 153, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 153, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 153, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 153, 155);  
box-shadow:4px 4px 4px 4px rgb(153, 153,  
155) }
```

Background

The CSS property to change the background color of an element to RGB 153, 153, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 153, 155) }
```

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

```
.background{ background-color: rgb(153,  
153, 155) }
```

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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