

Converting Colors

RGB(159, 163, 153)

Have a look what the booklet for
RGB(159, 163, 153) contains.

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Color

RGB(159, 163, 153)

Conversions

Conversions Part 1

Format	Color
Hex	9FA399
RGB	159, 163, 153
RGB Percent	62%, 64%, 60%
CMY	0.3765, 0.3608, 0.4000
CMYK	0.02, 0.00, 0.06, 0.36
HSL	84°, 5%, 62%
HSV	84°, 6%, 64%
XYZ	33.1450, 35.8652, 35.3127
YIQ	160.6640, 0.8260, -3.9580

Conversions

Conversions Part 2

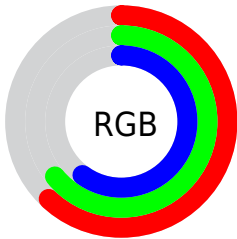
Format	Color
RYB	153, 163, 157
Decimal	10462105
CIELab	66.42, -3.31, 4.69
CIELCh	66, 5.738, 125.222
Yxy	35.8652, 0.3177, 0.3438
Android (android.graphics.Color)	4288652185 (0xFF9FA399)
YUV	160.6640, -3.7784, -1.4593
Hunter-Lab	59.8876, -6.0117, 6.9609

Details

The RGB color **159, 163, 153** is a light color, and the websafe version is hex **999999**. A complement of this color would be **157, 153, 163**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **214, 218, 207**, and **108, 111, 102** is the 20% darker color. If you saturate the color by 10%, you get **152, 163, 137**, and if you desaturate by 10%, it is **166, 163, 169**.

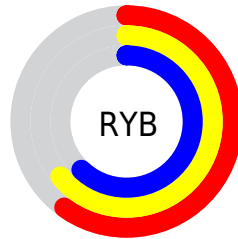
Distribution



Red (62%)

Green (64%)

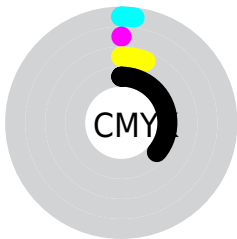
Blue (60%)



Red (60%)

Yellow (64%)

Blue (62%)

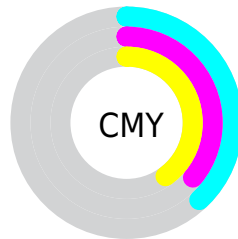


Cyan (2%)

Magenta (0%)

Yellow (6%)

Black (36%)



Cyan (38%)

Magenta (36%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 159, 163, 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 159, 163, 153 by changing the saturation by 10% instead.


 159, 163, 153

255, 255, 255

 214, 218, 207


 242, 246, 236

 159, 163, 153

 133, 137, 127

 108, 111, 102

 83, 87, 78

 60, 64, 55

 39, 42, 34

 18, 21, 12

 0, 0, 0

 159, 163, 153

 152, 163, 137

 159, 163, 153


 166, 163, 169

 146, 163, 120

 172, 163, 186


 139, 163, 104


 179, 163, 202


 133, 163, 88


 185, 163, 218

 126, 163, 72

 192, 163, 234


 120, 163, 55


 198, 163, 251

 113, 163, 39

 205, 163, 255

 107, 163, 23

 211, 163, 255

 100, 163, 6

 218, 163, 255

Harmonies

Analogous

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



165, 161, 151



159, 163, 153



153, 164, 157

Triad

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



159, 163, 153



152, 163, 171



172, 158, 161

Complementary

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



159, 163, 153



157, 153, 163

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.



169, 159, 166



159, 163, 153



157, 162, 172

Square

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



159, 163, 153



149, 164, 167



164, 160, 170



173, 159, 156

Rectangle

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



159, 163, 153



151, 165, 160



164, 160, 170



172, 158, 162

Sweetspot

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



159, 163, 153



210, 212, 207



163, 157, 153



106, 107, 105



235, 235, 235



107, 107, 107

Same Dimension

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



159, 163, 153



206, 212, 197



154, 163, 153



79, 82, 75



87, 145, 0



11, 18, 0

Inverse Universe

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



157, 153, 163



203, 197, 212



162, 153, 163



78, 75, 82



58, 0, 145



7, 0, 18

Previews

White Background



This preview shows how the RGB color 159, 163, 153 looks on a white background.

Color Contrast Check

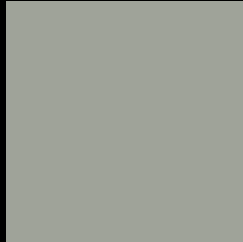
Large Text (above 18pt) WCAG AA × Fail

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 159, 163, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

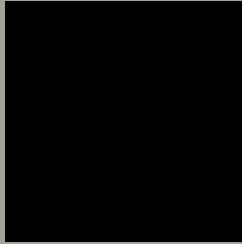
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

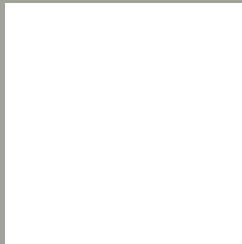
Any Text WCAG AAA ✓ Pass

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

RGB 159, 163, 153 Background



This preview shows how black text looks on a background with the RGB color 159, 163, 153.



This preview shows how white text looks on a background with the RGB color 159, 163, 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

159, 163, 153

Protanopia

167, 161, 152

Deuteranopia

180, 156, 154



Tritanopia
162, 160, 173

Trichromacy



Original Color

159, 163, 153

Protanomaly

164, 162, 152

Deuteranomaly

172, 159, 154

Tritanomaly

161, 161, 166

Monochromacy



Original Color

159, 163, 153

Achromatopsia

161, 161, 161

Achromatomaly

160, 162, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 159, 163, 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(159, 163, 153)` looks like.

```
.text, #text, p{  
    color:rgb(159, 163, 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(159, 163, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 163, 153) }
```

Border

The CSS property to change the border of an element to RGB 159, 163, 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(159, 163, 153) }
```

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

```
.border{ border-color:rgb(159, 163, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 163, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 163, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 163, 153);  
box-shadow:4px 4px 4px 4px rgb(159, 163,  
153) }
```

Background

The CSS property to change the background color of an element to RGB 159, 163, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 163, 153) }
```

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

```
.background{ background-color: rgb(159,  
163, 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](#).

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