

Converting Colors

RGB(153, 183, 157)

Have a look what the booklet for
RGB(153, 183, 157) contains.

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Color

RGB(153, 183, 157)

Conversions

Conversions Part 1

Format	Color
Hex	99B79D
RGB	153, 183, 157
RGB Percent	60%, 72%, 62%
CMY	0.4000, 0.2824, 0.3843
CMYK	0.16, 0.00, 0.14, 0.28
HSL	128°, 17%, 66%
HSV	128°, 16%, 72%
XYZ	36.1562, 43.0736, 38.3067
YIQ	171.0660, -9.5340, -14.4460

Conversions

Conversions Part 2

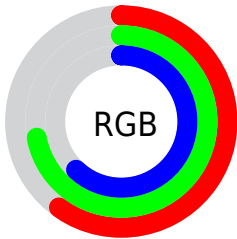
Format	Color
RYB	153, 179, 183
Decimal	10074013
CIELab	71.60, -15.32, 9.85
CIELCh	72, 18.217, 147.254
Yxy	43.0736, 0.3076, 0.3665
Android (android.graphics.Color)	4288264093 (0xFF99B79D)
YUV	171.0660, -6.9345, -15.8439
Hunter-Lab	65.6305, -16.5168, 11.3354

Details

The RGB color **153, 183, 157** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **183, 153, 179**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **208, 239, 212**, and **102, 130, 106** is the 20% darker color. If you saturate the color by 10%, you get **135, 183, 141**, and if you desaturate by 10%, it is **171, 183, 173**.

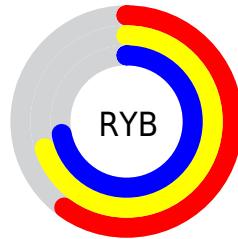
Distribution



Red (60%)

Green (72%)

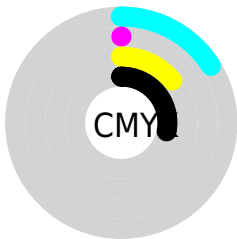
Blue (62%)



Red (60%)

Yellow (70%)

Blue (72%)

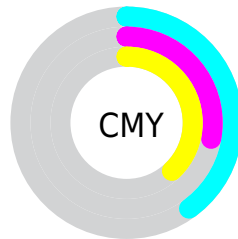


Cyan (16%)

Magenta (0%)

Yellow (14%)

Black (28%)



Cyan (40%)

Magenta (28%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 153, 183, 157 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, 183, 157 by changing the saturation by 10% instead.


 153, 183, 157


255, 255, 255

 208, 239, 212

 236, 255, 240

 153, 183, 157


 127, 156, 131

 102, 130, 106

 77, 105, 82

 54, 81, 58

 32, 57, 37

 11, 36, 16


 0, 11, 0


 0, 0, 0


 153, 183, 157


 153, 183, 157

 135, 183, 141


 171, 183, 173

 116, 183, 125


 190, 183, 189


 98, 183, 109

 208, 183, 205

 80, 183, 94

 226, 183, 220

 61, 183, 78


 244, 183, 236


 43, 183, 62

 255, 183, 252

 25, 183, 46

 255, 183, 255

 7, 183, 30

 0, 183, 24

Harmonies

Analogous

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



172, 179, 146



153, 183, 157



137, 185, 173

Triad

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



153, 183, 157



155, 177, 208



210, 165, 161

Complementary

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



153, 183, 157



183, 153, 179

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.



208, 164, 178



153, 183, 157



177, 172, 205

Square

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



153, 183, 157



137, 182, 203



196, 167, 194



204, 168, 148

Rectangle

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



153, 183, 157



132, 185, 185



196, 167, 194



210, 164, 166

Sweetspot

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



153, 183, 157



225, 237, 227



179, 183, 153



113, 120, 114



247, 247, 247



120, 120, 120

Same Dimension

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



153, 183, 157



190, 237, 196



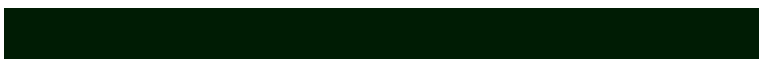
153, 183, 172



83, 92, 84



0, 156, 21



0, 28, 4

Inverse Universe

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



183, 153, 179



237, 190, 231



183, 153, 164



92, 83, 91



156, 0, 135



28, 0, 24

Previews

White Background



This preview shows how the RGB color 153, 183, 157 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, 183, 157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

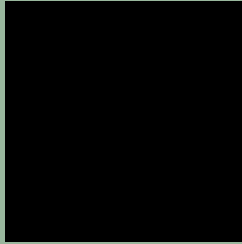
Any Text WCAG AA ✓ Pass

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, 183, 157 Background



This preview shows how black text looks on a background with the RGB color 153, 183, 157.



This preview shows how white text looks on a background with the RGB color 153, 183, 157.

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, 183, 157

Protanopia
183, 175, 153

Deuteranopia
197, 169, 160



Tritanopia
159, 178, 192

Trichromacy



Original Color
153, 183, 157

Protanomaly
172, 178, 154

Deuteranomaly
181, 174, 159

Tritanomaly
157, 180, 179

Monochromacy



Original Color
153, 183, 157

Achromatopsia
171, 171, 171

Achromatomaly
164, 175, 166

CSS Examples

Text

The CSS property to change the color of the text to RGB 153, 183, 157 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, 183, 157)` looks like.

```
.text, #text, p{  
    color:rgb(153, 183, 157)  
}
```

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, 183, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 183, 157) }
```

Border

The CSS property to change the border of an element to RGB 153, 183, 157 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, 183, 157) }
```

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

```
.border{ border-color:rgb(153, 183, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 183, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 183, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 183, 157);  
box-shadow:4px 4px 4px 4px rgb(153, 183,  
157) }
```

Background

The CSS property to change the background color of an element to RGB 153, 183, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 183, 157) }
```

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

```
.background{ background-color: rgb(153,  
183, 157) }
```

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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