

Converting Colors

RGB(153, 171, 135)

Have a look what the booklet for
RGB(153, 171, 135) contains.

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Color

RGB(153, 171, 135)

Conversions

Conversions Part 1

Format	Color
Hex	99AB87
RGB	153, 171, 135
RGB Percent	60%, 67%, 53%
CMY	0.4000, 0.3294, 0.4706
CMYK	0.11, 0.00, 0.21, 0.33
HSL	90°, 18%, 60%
HSV	90°, 21%, 67%
XYZ	32.0730, 37.6474, 28.4979
YIQ	161.5140, 0.8280, -15.0120

Conversions

Conversions Part 2

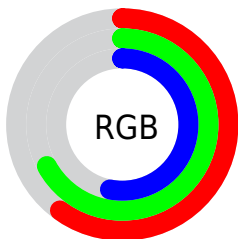
Format	Color
RYB	135, 171, 153
Decimal	10070919
CIELab	67.76, -12.93, 16.48
CIElCh	68, 20.951, 128.125
Yxy	37.6474, 0.3265, 0.3833
Android (android.graphics.Color)	4288260999 (0xFF99AB87)
YUV	161.5140, -13.0714, -7.4668
Hunter-Lab	61.3575, -14.0695, 15.4126

Details

The RGB color **153, 171, 135** is a light color, and the websafe version is hex **999966**. A complement of this color would be **153, 135, 171**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **208, 226, 188**, and **102, 119, 85** is the 20% darker color. If you saturate the color by 10%, you get **144, 171, 118**, and if you desaturate by 10%, it is **162, 171, 152**.

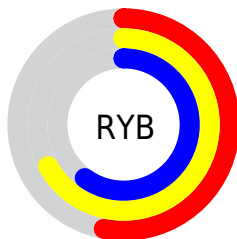
Distribution



Red (60%)

Green (67%)

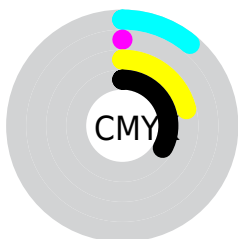
Blue (53%)



Red (53%)

Yellow (67%)

Blue (60%)

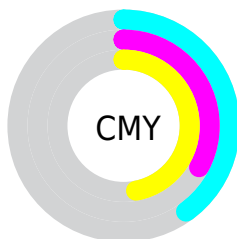


Cyan (11%)

Magenta (0%)

Yellow (21%)

Black (33%)



Cyan (40%)

Magenta (33%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 153, 171, 135 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, 171, 135 by changing the saturation by 10% instead.

 153, 171, 135


255, 255, 255

 208, 226, 188

 236, 255, 216

 255, 255, 245

 153, 171, 135


 127, 144, 110

 102, 119, 85

 77, 94, 62


 54, 70, 40


 32, 48, 19

 10, 27, 0

 0, 0, 0


 153, 171, 135

 144, 171, 118

 153, 171, 135

 162, 171, 152

 136, 171, 101

 170, 171, 169

 127, 171, 84


 179, 171, 186

 119, 171, 67

 187, 171, 203

 110, 171, 49

 196, 171, 220


 102, 171, 32


 204, 171, 238

 93, 171, 15

 213, 171, 255

 85, 171, 0

 221, 171, 255

 230, 171, 255

Harmonies

Analogous

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



174, 165, 128



153, 171, 135



132, 175, 150

Triad

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



153, 171, 135



126, 171, 200



203, 152, 160

Complementary

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



153, 171, 135



153, 135, 171

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.



194, 153, 180



153, 171, 135



150, 165, 202

Square

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



153, 171, 135



113, 175, 188



175, 159, 195



202, 154, 143

Rectangle

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



153, 171, 135



120, 176, 163



175, 159, 195



201, 152, 167

Sweetspot

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



153, 171, 135



215, 222, 209



171, 153, 135



108, 112, 104



240, 240, 240



112, 112, 112

Same Dimension

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



153, 171, 135



194, 222, 166



135, 171, 135



82, 87, 78



75, 150, 0



11, 23, 0

Inverse Universe

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



153, 135, 171



194, 166, 222



171, 135, 171



82, 78, 87



75, 0, 150



11, 0, 23

Previews

White Background



This preview shows how the RGB color 153, 171, 135 looks on a white background.

Color Contrast Check

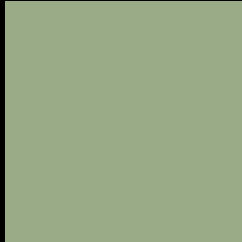
Large Text (above 18pt) WCAG AA × Fail

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, 171, 135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

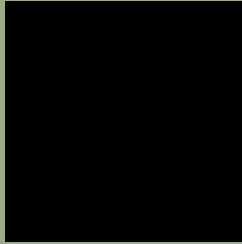
Any Text WCAG AA ✓ Pass

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, 171, 135 Background



This preview shows how black text looks on a background with the RGB color 153, 171, 135.

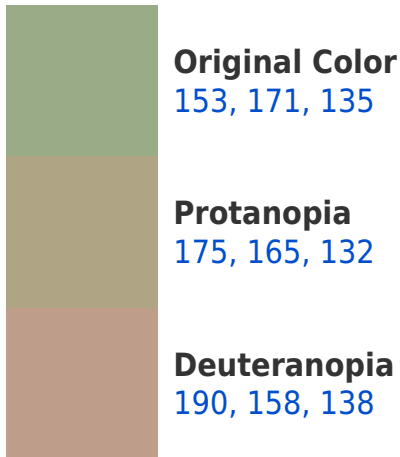


This preview shows how white text looks on a background with the RGB color 153, 171, 135.

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





Tritanopia
159, 165, 178

Trichromacy



Original Color
153, 171, 135

Protanomaly
167, 167, 133

Deuteranomaly
177, 163, 137

Tritanomaly
157, 167, 162

Monochromacy



Original Color
153, 171, 135

Achromatopsia
162, 162, 162

Achromatomaly
159, 165, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 153, 171, 135 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, 171, 135)` looks like.

```
.text, #text, p{  
    color:rgb(153, 171, 135)  
}
```

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, 171, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 171, 135) }
```

Border

The CSS property to change the border of an element to RGB 153, 171, 135 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, 171, 135) }
```

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

```
.border{ border-color:rgb(153, 171, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 171, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 171, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 171, 135);  
box-shadow:4px 4px 4px 4px rgb(153, 171,  
135) }
```

Background

The CSS property to change the background color of an element to RGB 153, 171, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 171, 135) }
```

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

```
.background{ background-color: rgb(153,  
171, 135) }
```

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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