

Converting Colors

RGB(153, 174, 83)

Have a look what the booklet for
RGB(153, 174, 83) contains.

RGB(153, 174, 83)	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(153, 174, 83)

Conversions

Conversions Part 1

Format	Color
Hex	99AE53
RGB	153, 174, 83
RGB Percent	60%, 68%, 33%
CMY	0.4000, 0.3176, 0.6745
CMYK	0.12, 0.00, 0.52, 0.32
HSL	74°, 36%, 50%
HSV	74°, 52%, 68%
XYZ	29.8343, 37.6689, 13.8820
YIQ	157.3470, 16.6950, -32.7530

Conversions

Conversions Part 2

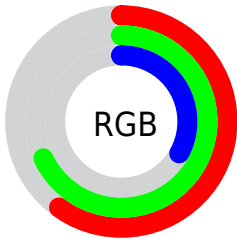
Format	Color
RYB	83, 174, 104
Decimal	10071635
CIELab	67.78, -21.30, 43.78
CIELCh	68, 48.686, 115.942
Yxy	37.6689, 0.3666, 0.4628
Android (android.graphics.Color)	4288261715 (0xFF99AE53)
YUV	157.3470, -36.6531, -3.8123
Hunter-Lab	61.3750, -20.6379, 29.5521

Details

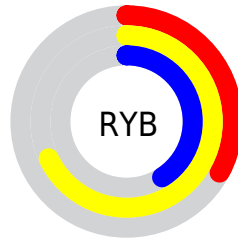
The RGB color **153, 174, 83** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **104, 83, 174**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **209, 230, 135**, and **100, 122, 32** is the 20% darker color. If you saturate the color by 10%, you get **149, 174, 66**, and if you desaturate by 10%, it is **157, 174, 100**.

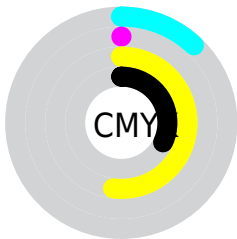
Distribution



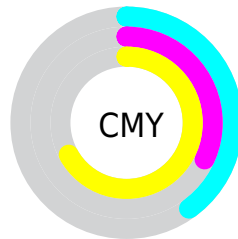
- Red (60%)
- Green (68%)
- Blue (33%)



- Red (33%)
- Yellow (68%)
- Blue (41%)



- Cyan (12%)
- Magenta (0%)
- Yellow (52%)
- Black (32%)




- Cyan (40%)
- Magenta (32%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the RGB color 153, 174, 83 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, 174, 83 by changing the saturation by 10% instead.

 153, 174, 83  153, 174, 83

255, 255, 255  126, 147, 58

 209, 230, 135  100, 122, 32

 238, 255, 162  74, 97, 2

 255, 255, 189  50, 73, 0

 255, 255, 218  24, 50, 0

 255, 255, 246  0, 30, 0

 0, 0, 0

 153, 174, 83  153, 174, 83

 149, 174, 66  157, 174, 100

■ 145, 174, 48

■ 161, 174, 118

■ 141, 174, 31

■ 165, 174, 135

■ 137, 174, 13

■ 169, 174, 153

■ 134, 174, 0

■ 173, 174, 170

■ 177, 174, 187

■ 181, 174, 205

■ 185, 174, 222

■ 189, 174, 240

Harmonies

Analogous

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



196, 161, 75



153, 174, 83



99, 183, 114

Triad

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



153, 174, 83



0, 182, 237



243, 129, 173

Complementary

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



153, 174, 83



104, 83, 174

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.



214, 139, 215



153, 174, 83



70, 172, 252

Square

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



153, 174, 83



0, 187, 202



159, 156, 244



247, 131, 129

Rectangle

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



153, 174, 83



43, 186, 142



159, 156, 244



236, 131, 188

Sweetspot

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



153, 174, 83



219, 227, 191



174, 103, 83



110, 115, 93



242, 242, 242



115, 115, 115

Same Dimension

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



153, 174, 83



194, 227, 84



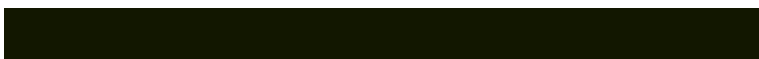
109, 174, 83



85, 87, 78



116, 150, 0



18, 23, 0

Inverse Universe

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



104, 83, 174



117, 84, 227



148, 83, 174



80, 78, 87



35, 0, 150



5, 0, 23

Previews

White Background



This preview shows how the RGB color 153, 174, 83 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, 174, 83 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, 174, 83 Background



This preview shows how black text looks on a background with the RGB color 153, 174, 83.



This preview shows how white text looks on a background with the RGB color 153, 174, 83.

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, 174, 83

Protanopia
182, 165, 80

Deuteranopia
202, 157, 87



Tritanopia
164, 164, 177

Trichromacy



Original Color
153, 174, 83

Protanomaly
171, 168, 81

Deuteranomaly
184, 163, 86

Tritanomaly
160, 168, 143

Monochromacy



Original Color
153, 174, 83

Achromatopsia
157, 157, 157

Achromatomaly
156, 163, 130

CSS Examples

Text

The CSS property to change the color of the text to RGB 153, 174, 83 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, 174, 83)` looks like.

```
.text, #text, p{  
    color:rgb(153, 174, 83)  
}
```

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, 174, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 174, 83) }
```

Border

The CSS property to change the border of an element to RGB 153, 174, 83 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, 174, 83) }
```

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

```
.border{ border-color:rgb(153, 174, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 174, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 174, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 174, 83);  
box-shadow:4px 4px 4px 4px rgb(153, 174,  
83) }
```

Background

The CSS property to change the background color of an element to RGB 153, 174, 83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 174, 83) }
```

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

```
.background{ background-color: rgb(153,  
174, 83) }
```

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