

Converting Colors

RGB(153, 191, 133)

Have a look what the booklet for
RGB(153, 191, 133) contains.

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Color

RGB(153, 191, 133)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 99BF85 |
| RGB | 153, 191, 133 |
| RGB Percent | 60%, 75%, 52% |
| CMY | 0.4000, 0.2510, 0.4784 |
| CMYK | 0.20, 0.00, 0.30, 0.25 |
| HSL | 99°, 31%, 64% |
| HSV | 99°, 30%, 75% |
| XYZ | 36.0013, 45.7274, 29.1191 |
| YIQ | 173.0260, -4.0300, -26.0940 |

Conversions

Conversions Part 2

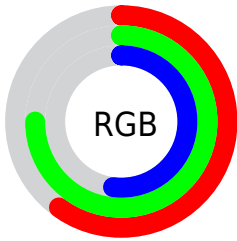
| Format | Color |
|-------------------------------------|--|
| RYB | 133, 191, 171 |
| Decimal | 10076037 |
| CIELab | 73.37, -23.44, 25.23 |
| CIELCh | 73, 34.437, 132.896 |
| Yxy | 45.7274, 0.3248, 0.4125 |
| Android (android.graphics.Color) | 4288266117 (0xFF99BF85) |
| YUV | 173.0260, -19.7328, -17.5628 |
| Hunter-Lab | 67.6220, -23.3068, 21.8042 |

Details

The RGB color **153, 191, 133** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **171, 133, 191**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **208, 248, 187**, and **101, 137, 83** is the 20% darker color. If you saturate the color by 10%, you get **140, 191, 114**, and if you desaturate by 10%, it is **166, 191, 152**.

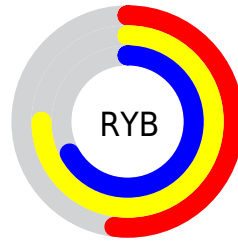
Distribution



Red (60%)

Green (75%)

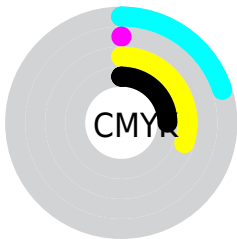
Blue (52%)



Red (52%)

Yellow (75%)

Blue (67%)

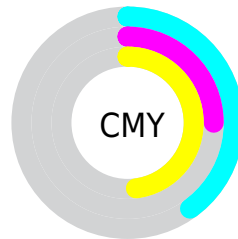


Cyan (20%)

Magenta (0%)

Yellow (30%)

Black (25%)



Cyan (40%)

Magenta (25%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 153, 191, 133 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, 191, 133 by changing the saturation by 10% instead.

 153, 191, 133

255, 255, 255


 208, 248, 187

 237, 255, 214

 255, 255, 243

 153, 191, 133

 127, 164, 107


 101, 137, 83

 76, 112, 59

 52, 87, 36

 28, 64, 14

 7, 41, 0

 0, 20, 0


 0, 0, 0

 153, 191, 133


 153, 191, 133


 140, 191, 114


 166, 191, 152


 128, 191, 95


 178, 191, 171

 115, 191, 76

 191, 191, 190


 103, 191, 57


 203, 191, 209


 90, 191, 38

 216, 191, 229

 78, 191, 18

 228, 191, 248

 66, 191, 0

 241, 191, 255

 253, 191, 255

 255, 191, 255

Harmonies

Analogous

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



188, 183, 118



153, 191, 133



115, 196, 161

Triad

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



153, 191, 133



109, 189, 240



243, 156, 168

Complementary

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



153, 191, 133



171, 133, 191

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.



231, 158, 200



153, 191, 133



158, 179, 241

Square

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



153, 191, 133



73, 195, 222



202, 167, 227



237, 162, 139

Rectangle

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



153, 191, 133



91, 197, 182



202, 167, 227



241, 156, 178

Sweetspot

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



153, 191, 133



233, 247, 225



191, 171, 133



116, 125, 111



252, 252, 252



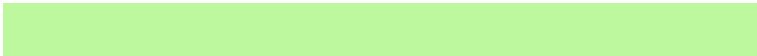
125, 125, 125

Same Dimension

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



153, 191, 133



189, 247, 158



133, 191, 142



88, 94, 85



55, 158, 0



11, 31, 0

Inverse Universe

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



171, 133, 191



217, 158, 247



191, 133, 182



91, 85, 94



104, 0, 158



20, 0, 31

Previews

White Background



This preview shows how the RGB color 153, 191, 133 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, 191, 133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

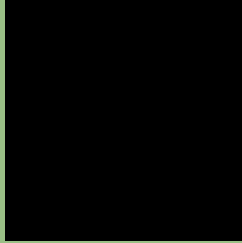
Any Text WCAG AA ✓ Pass

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, 191, 133 Background



This preview shows how black text looks on a background with the RGB color 153, 191, 133.

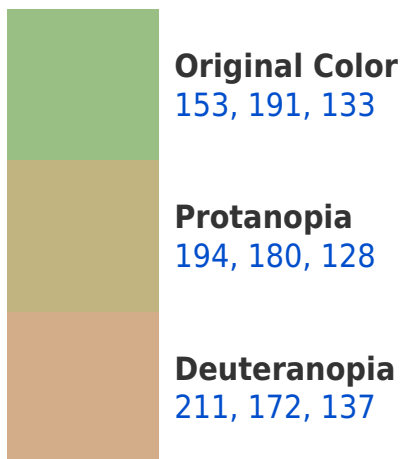


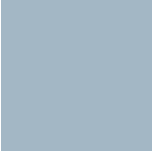
This preview shows how white text looks on a background with the RGB color 153, 191, 133.

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
163, 183, 197

Trichromacy



Original Color
153, 191, 133

Protanomaly
179, 184, 130

Deuteranomaly
190, 179, 136

Tritanomaly
159, 186, 174

Monochromacy



Original Color
153, 191, 133

Achromatopsia
173, 173, 173

Achromatomaly
166, 180, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 153, 191, 133 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, 191, 133)` looks like.

```
.text, #text, p{  
    color:rgb(153, 191, 133)  
}
```

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, 191, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 191, 133) }
```

Border

The CSS property to change the border of an element to RGB 153, 191, 133 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, 191, 133) }
```

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

```
.border{ border-color:rgb(153, 191, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 191, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 191, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 191, 133);  
box-shadow:4px 4px 4px 4px rgb(153, 191,  
133) }
```

Background

The CSS property to change the background color of an element to RGB 153, 191, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 191, 133) }
```

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

```
.background{ background-color: rgb(153,  
191, 133) }
```

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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