

Converting Colors

RGB(159, 178, 135)

Have a look what the booklet for
RGB(159, 178, 135) contains.

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Color

RGB(159, 178, 135)

Conversions

Conversions Part 1

Format	Color
Hex	9FB287
RGB	159, 178, 135
RGB Percent	62%, 70%, 53%
CMY	0.3765, 0.3020, 0.4706
CMYK	0.11, 0.00, 0.24, 0.30
HSL	87°, 22%, 61%
HSV	87°, 24%, 70%
XYZ	34.5916, 40.9610, 29.0048
YIQ	167.4170, 2.4790, -17.4010

Conversions

Conversions Part 2

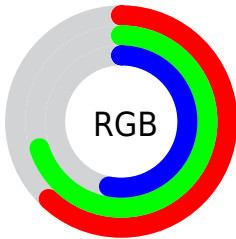
Format	Color
RYB	135, 178, 154
Decimal	10465927
CIELab	70.15, -14.35, 19.85
CIELCh	70, 24.488, 125.865
Yxy	40.9610, 0.3308, 0.3918
Android (android.graphics.Color)	4288656007 (0xFF9FB287)
YUV	167.4170, -15.9816, -7.3817
Hunter-Lab	64.0008, -15.5243, 17.9307

Details

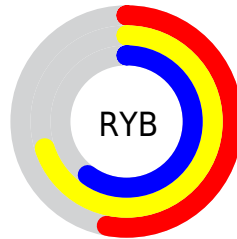
The RGB color **159, 178, 135** is a light color, and the websafe version is hex **999966**. A complement of this color would be **154, 135, 178**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **214, 234, 188**, and **107, 125, 85** is the 20% darker color. If you saturate the color by 10%, you get **151, 178, 117**, and if you desaturate by 10%, it is **167, 178, 153**.

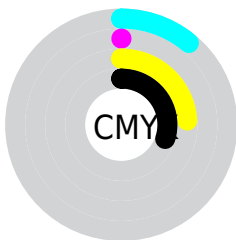
Distribution



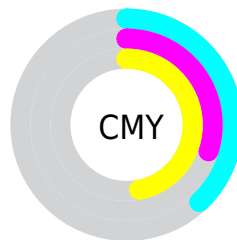
- Red (62%)
- Green (70%)
- Blue (53%)



- Red (53%)
- Yellow (70%)
- Blue (60%)



- Cyan (11%)
- Magenta (0%)
- Yellow (24%)
- Black (30%)



- Cyan (38%)
- Magenta (30%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 159, 178, 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 159, 178, 135 by changing the saturation by 10% instead.

 159, 178, 135

255, 255, 255

 214, 234, 188

 242, 255, 216

 255, 255, 245

 159, 178, 135

 133, 151, 110

 107, 125, 85

 83, 100, 62

 59, 76, 39

 36, 54, 18


 17, 32, 0

 0, 1, 0


 0, 0, 0

 159, 178, 135


 159, 178, 135

 151, 178, 117


 167, 178, 153


 143, 178, 99


 175, 178, 171

 135, 178, 82

 183, 178, 188

 128, 178, 64

 190, 178, 206

 120, 178, 46

 198, 178, 224


 112, 178, 28


 206, 178, 242

 104, 178, 10

 214, 178, 255

 99, 178, 0

 222, 178, 255

 230, 178, 255

Harmonies

Analogous

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



184, 171, 127



159, 178, 135



134, 182, 153

Triad

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



159, 178, 135



122, 179, 211



216, 155, 168

Complementary

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



159, 178, 135



154, 135, 178

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.



204, 158, 190



159, 178, 135



150, 172, 215

Square

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



159, 178, 135



107, 183, 197



181, 164, 208



215, 158, 146

Rectangle

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



159, 178, 135



119, 184, 167



181, 164, 208



213, 156, 175

Sweetspot

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



159, 178, 135



225, 232, 216



178, 154, 135



113, 117, 108



245, 245, 245



117, 117, 117

Same Dimension

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



159, 178, 135



202, 232, 165



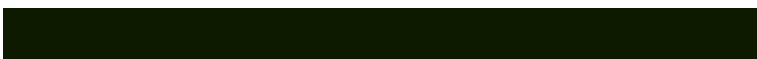
138, 178, 135



85, 89, 80



85, 153, 0



14, 26, 0

Inverse Universe

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



154, 135, 178



194, 165, 232



175, 135, 178



84, 80, 89



68, 0, 153



11, 0, 26

Previews

White Background



This preview shows how the RGB color 159, 178, 135 looks on a white background.

Color Contrast Check

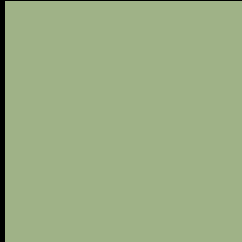
Large Text (above 18pt) WCAG AA × Fail

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 159, 178, 135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

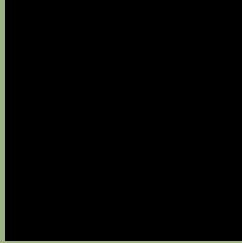
Any Text WCAG AA ✓ Pass

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 159, 178, 135 Background



This preview shows how black text looks on a background with the RGB color 159, 178, 135.



This preview shows how white text looks on a background with the RGB color 159, 178, 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



Original Color
159, 178, 135

Protanopia
183, 171, 132

Deuteranopia
199, 164, 138



Tritanopia
166, 171, 185

Trichromacy



Original Color
159, 178, 135

Protanomaly
174, 174, 133

Deuteranomaly
184, 169, 137

Tritanomaly
163, 174, 167

Monochromacy



Original Color
159, 178, 135

Achromatopsia
167, 167, 167

Achromatomaly
164, 171, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 159, 178, 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(159, 178, 135)` looks like.

```
.text, #text, p{  
    color:rgb(159, 178, 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(159, 178, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 178, 135) }
```

Border

The CSS property to change the border of an element to RGB 159, 178, 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(159, 178, 135) }
```

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

```
.border{ border-color:rgb(159, 178, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 178, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 178, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 178, 135);  
box-shadow:4px 4px 4px 4px rgb(159, 178,  
135) }
```

Background

The CSS property to change the background color of an element to RGB 159, 178, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 178, 135) }
```

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

```
.background{ background-color: rgb(159,  
178, 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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