

Converting Colors

RGB(123, 137, 120)

Have a look what the booklet for
RGB(123, 137, 120) contains.

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Color

RGB(123, 137, 120)

Conversions

Conversions Part 1

Format	Color
Hex	7B8978
RGB	123, 137, 120
RGB Percent	48%, 54%, 47%
CMY	0.5176, 0.4627, 0.5294
CMYK	0.10, 0.00, 0.12, 0.46
HSL	109°, 7%, 50%
HSV	109°, 12%, 54%
XYZ	20.5042, 23.4583, 21.2165
YIQ	130.8760, -2.8870, -8.2550

Conversions

Conversions Part 2

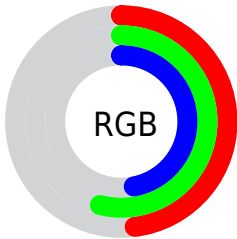
Format	Color
R_{YB}	120, 137, 134
Decimal	8096120
CIE _{Lab}	55.54, -8.49, 7.40
CIE _{LCh}	56, 11.264, 138.947
Yxy	23.4583, 0.3146, 0.3599
Android (android.graphics.Color)	4286286200 (0xFF7B8978)
YUV	130.8760, -5.3619, -6.9073
Hunter-Lab	48.4338, -9.1921, 7.9316

Details

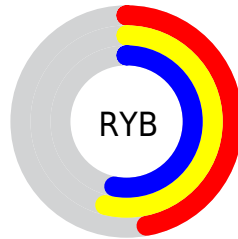
The RGB color **123, 137, 120** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **134, 120, 137**, and the grayscale version is **131, 131, 131**.

A 20% lighter version of the original color is **176, 190, 172**, and **74, 87, 72** is the 20% darker color. If you saturate the color by 10%, you get **112, 137, 106**, and if you desaturate by 10%, it is **134, 137, 134**.

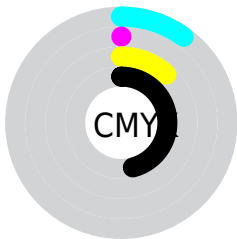
Distribution



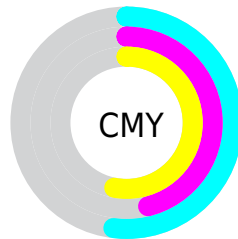
- Red (48%)
- Green (54%)
- Blue (47%)



- Red (47%)
- Yellow (54%)
- Blue (53%)



- Cyan (10%)
- Magenta (0%)
- Yellow (12%)
- Black (46%)



- Cyan (52%)
- Magenta (46%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 123, 137, 120 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 123, 137, 120 by changing the saturation by 10% instead.

■ 123, 137, 120

255, 255, 255

■ 176, 190, 172

■ 203, 218, 200

■ 231, 247, 228

■ 123, 137, 120

■ 98, 112, 95

■ 74, 87, 72

■ 51, 64, 49

■ 30, 42, 28

■ 7, 22, 2

■ 0, 0, 0

■ 123, 137, 120

■ 112, 137, 106

■ 100, 137, 93

■ 123, 137, 120

■ 134, 137, 134

■ 146, 137, 147

■ 89, 137, 79

■ 157, 137, 161

■ 78, 137, 65

■ 168, 137, 175

■ 67, 137, 52

■ 179, 137, 189

■ 55, 137, 38

■ 191, 137, 202

■ 44, 137, 24

■ 202, 137, 216

■ 33, 137, 10

■ 213, 137, 230

■ 24, 137, 0

■ 225, 137, 243

Harmonies

Analogous

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



134, 134, 115



123, 137, 120



113, 139, 129

Triad

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



123, 137, 120



118, 135, 152



154, 127, 127

Complementary

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



123, 137, 120



134, 120, 137

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.



151, 127, 137



123, 137, 120



130, 132, 151

Square

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



123, 137, 120



110, 137, 147



142, 129, 146



152, 128, 119

Rectangle

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



123, 137, 120



109, 139, 136



142, 129, 146



154, 126, 130

Sweetspot

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



123, 137, 120



173, 179, 171



137, 134, 120



86, 89, 85



217, 217, 217



89, 89, 89

Same Dimension

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



123, 137, 120



156, 179, 152



120, 137, 125



63, 69, 62



23, 133, 0



1, 5, 0

Inverse Universe

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



134, 120, 137



174, 152, 179



137, 120, 132



68, 62, 69



109, 0, 133



4, 0, 5

Previews

White Background



This preview shows how the RGB color 123, 137, 120 looks on a white background.

Color Contrast Check

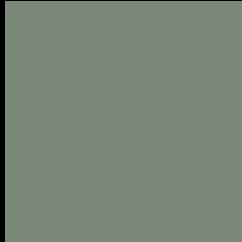
Large Text (above 18pt) WCAG AA ✓ Pass

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 123, 137, 120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

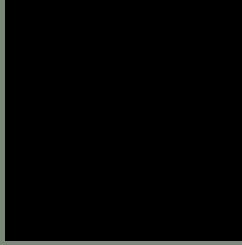
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

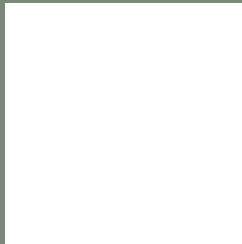
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 123, 137, 120 Background



This preview shows how black text looks on a background with the RGB color 123, 137, 120.



This preview shows how white text looks on a background with the RGB color 123, 137, 120.

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
123, 137, 120

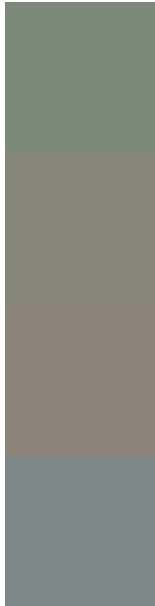
Protanopia
139, 132, 118

Deuteranopia
150, 128, 122



Tritanopia
127, 134, 144

Trichromacy



Original Color

123, 137, 120

Protanomaly

133, 134, 119

Deuteranomaly

140, 131, 121

Tritanomaly

126, 135, 135

Monochromacy



Original Color

123, 137, 120

Achromatopsia

131, 131, 131

Achromatomaly

128, 133, 127

CSS Examples

Text

The CSS property to change the color of the text to RGB 123, 137, 120 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(123, 137, 120)` looks like.

```
.text, #text, p{  
    color:rgb(123, 137, 120)  
}
```

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(123, 137, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 137, 120) }
```

Border

The CSS property to change the border of an element to RGB 123, 137, 120 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(123, 137, 120) }
```

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

```
.border{ border-color:rgb(123, 137, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 137, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 137, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 137, 120);  
box-shadow:4px 4px 4px 4px rgb(123, 137,  
120) }
```

Background

The CSS property to change the background color of an element to RGB 123, 137, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 137, 120) }
```

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

```
.background{ background-color: rgb(123,  
137, 120) }
```

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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