

Converting Colors

RGB(122, 173, 151)

Have a look what the booklet for
RGB(122, 173, 151) contains.

RGB(122, 173, 151)	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(122, 173, 151)

Conversions

Conversions Part 1

Format	Color
Hex	7AAD97
RGB	122, 173, 151
RGB Percent	48%, 68%, 59%
CMY	0.5216, 0.3216, 0.4078
CMYK	0.29, 0.00, 0.13, 0.32
HSL	154°, 24%, 58%
HSV	154°, 29%, 68%
XYZ	28.5555, 36.2591, 34.7718
YIQ	155.2430, -23.3340, -17.6540

Conversions

Conversions Part 2

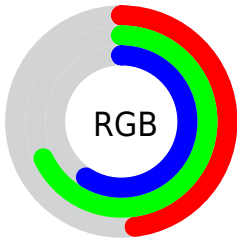
Format	Color
RYB	122, 155, 173
Decimal	8039831
CIELab	66.72, -21.66, 5.91
CIELCh	67, 22.454, 164.738
Yxy	36.2591, 0.2867, 0.3641
Android (android.graphics.Color)	4286229911 (0xFF7AAD97)
YUV	155.2430, -2.0918, -29.1541
Hunter-Lab	60.2155, -20.7285, 7.9135

Details

The RGB color **122, 173, 151** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **173, 122, 144**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **176, 229, 205**, and **71, 120, 100** is the 20% darker color. If you saturate the color by 10%, you get **105, 173, 144**, and if you desaturate by 10%, it is **139, 173, 158**.

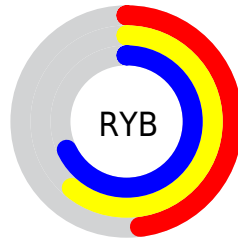
Distribution



Red (48%)

Green (68%)

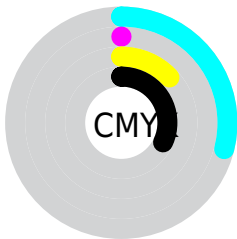
Blue (59%)



Red (48%)

Yellow (61%)

Blue (68%)

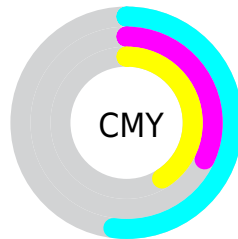


Cyan (29%)

Magenta (0%)

Yellow (13%)

Black (32%)



Cyan (52%)


Magenta (32%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RGB color 122, 173, 151 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 122, 173, 151 by changing the saturation by 10% instead.


 122, 173, 151


255, 255, 255


 176, 229, 205

 203, 255, 233

 232, 255, 255

 122, 173, 151

 96, 146, 125

 71, 120, 100

 47, 95, 76

 22, 71, 54


 0, 49, 32

 0, 29, 9


 0, 0, 0

 122, 173, 151


 105, 173, 144

 122, 173, 151


 139, 173, 158


 87, 173, 136


 157, 173, 166

 70, 173, 129


 174, 173, 173

 53, 173, 121


 191, 173, 181

 36, 173, 114


 209, 173, 188

 18, 173, 106

 226, 173, 196

 1, 173, 99

 243, 173, 203

 0, 173, 98

 255, 173, 211

 255, 173, 218

Harmonies

Analogous

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



144, 170, 133



122, 173, 151



107, 174, 172

Triad

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



122, 173, 151



152, 161, 201



200, 151, 135

Complementary

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



122, 173, 151



173, 122, 144

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, 148, 153



122, 173, 151



178, 154, 191

Square

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



122, 173, 151



125, 167, 201



196, 149, 173



187, 157, 124

Rectangle

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



122, 173, 151



105, 173, 185



196, 149, 173



202, 150, 140

Sweetspot

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



122, 173, 151



204, 224, 216



144, 173, 122



100, 112, 107



240, 240, 240



112, 112, 112

Same Dimension

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



122, 173, 151



146, 224, 191



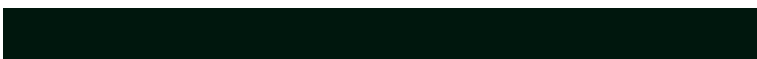
122, 170, 173



78, 87, 83



0, 150, 86



0, 23, 13

Inverse Universe

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



173, 122, 144



224, 146, 180



173, 125, 122



87, 78, 82



150, 0, 65



23, 0, 10

Previews

White Background



This preview shows how the RGB color 122, 173, 151 looks on a white background.

Color Contrast Check

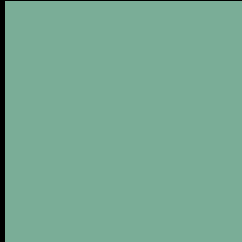
Large Text (above 18pt) WCAG AA × Fail

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 122, 173, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

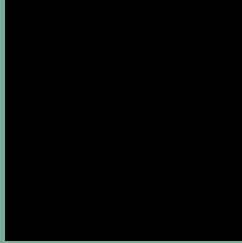
Any Text WCAG AA ✓ Pass

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 122, 173, 151 Background



This preview shows how black text looks on a background with the RGB color 122, 173, 151.




This preview shows how white text looks on a background with the RGB color 122, 173, 151.

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
128, 169, 182

Trichromacy



Original Color
122, 173, 151

Protanomaly
152, 165, 147

Deuteranomaly
159, 162, 153

Tritanomaly
126, 170, 171

Monochromacy



Original Color
122, 173, 151

Achromatopsia
155, 155, 155

Achromatomaly
143, 162, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 122, 173, 151 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(122, 173, 151)` looks like.

```
.text, #text, p{  
    color:rgb(122, 173, 151)  
}
```

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(122, 173, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 173, 151) }
```

Border

The CSS property to change the border of an element to RGB 122, 173, 151 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(122, 173, 151) }
```

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

```
.border{ border-color:rgb(122, 173, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 173, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 173, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 173, 151);  
box-shadow:4px 4px 4px 4px rgb(122, 173,  
151) }
```

Background

The CSS property to change the background color of an element to RGB 122, 173, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 173, 151) }
```

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

```
.background{ background-color: rgb(122,  
173, 151) }
```

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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