

Converting Colors

RGB(120, 171, 151)

Have a look what the booklet for
RGB(120, 171, 151) contains.

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Color

RGB(120, 171, 151)

Conversions

Conversions Part 1

Format	Color
Hex	78AB97
RGB	120, 171, 151
RGB Percent	47%, 67%, 59%
CMY	0.5294, 0.3294, 0.4078
CMYK	0.30, 0.00, 0.12, 0.33
HSL	156°, 23%, 57%
HSV	156°, 30%, 67%
XYZ	27.8946, 35.3533, 34.6318
YIQ	153.4710, -23.9760, -17.0320

Conversions

Conversions Part 2

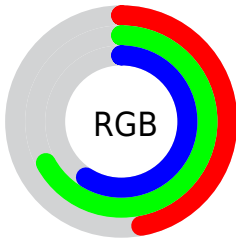
Format	Color
RYB	120, 152, 171
Decimal	7908247
CIELab	66.02, -21.27, 4.90
CIElCh	66, 21.828, 167.036
Yxy	35.3533, 0.2850, 0.3612
Android (android.graphics.Color)	4286098327 (0xFF78AB97)
YUV	153.4710, -1.2182, -29.3541
Hunter-Lab	59.4586, -20.3106, 7.0874

Details

The RGB color **120, 171, 151** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **171, 120, 140**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **174, 227, 205**, and **69, 119, 100** is the 20% darker color. If you saturate the color by 10%, you get **103, 171, 144**, and if you desaturate by 10%, it is **137, 171, 158**.

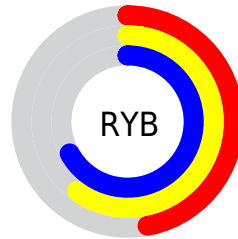
Distribution



Red (47%)

Green (67%)

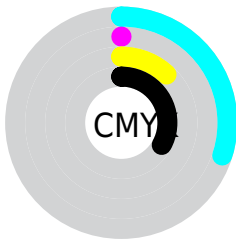
Blue (59%)



Red (47%)

Yellow (60%)

Blue (67%)

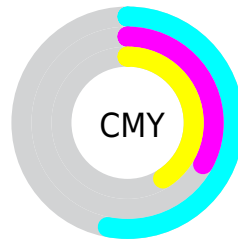


Cyan (30%)

Magenta (0%)

Yellow (12%)

Black (33%)



Cyan (53%)


Magenta (33%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 171, 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 120, 171, 151 by changing the saturation by 10% instead.


 120, 171, 151


255, 255, 255


 174, 227, 205

 201, 255, 233

 230, 255, 255

 120, 171, 151

 94, 144, 125

 69, 119, 100

 45, 94, 76

 19, 70, 54


 0, 47, 32


 0, 28, 9

 0, 0, 0

 120, 171, 151

 103, 171, 144

 120, 171, 151

 137, 171, 158

■ 86, 171, 138

■ 154, 171, 164

■ 69, 171, 131

■ 171, 171, 171

■ 52, 171, 124

■ 188, 171, 178

■ 35, 171, 117

■ 205, 171, 185

■ 17, 171, 111

■ 223, 171, 191

■ 0, 171, 104

■ 240, 171, 198

■ 0, 171, 104

■ 255, 171, 205

■ 255, 171, 211

Harmonies

Analogous

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



141, 168, 133



120, 171, 151



106, 172, 171

Triad

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



120, 171, 151



152, 158, 198



196, 150, 133

Complementary

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



120, 171, 151



171, 120, 140

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.



201, 147, 150



120, 171, 151



177, 152, 187

Square

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



120, 171, 151



126, 165, 198



194, 147, 170



183, 156, 123

Rectangle

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



120, 171, 151



105, 170, 183



194, 147, 170



199, 149, 138

Sweetspot

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



120, 171, 151



202, 222, 214



140, 171, 120



100, 112, 107



240, 240, 240



112, 112, 112

Same Dimension

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



120, 171, 151



142, 222, 191



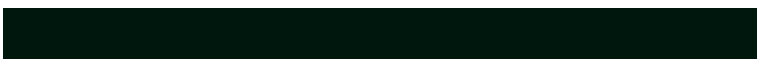
120, 166, 171



78, 87, 83



0, 150, 91



0, 23, 14

Inverse Universe

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



171, 120, 140



222, 142, 173



171, 125, 120



87, 78, 81



150, 0, 59



23, 0, 9

Previews

White Background



This preview shows how the RGB color 120, 171, 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 120, 171, 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 120, 171, 151 Background



This preview shows how black text looks on a background with the RGB color 120, 171, 151.

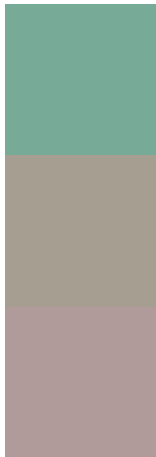


This preview shows how white text looks on a background with the RGB color 120, 171, 151.

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



Original Color
120, 171, 151

Protanopia
166, 159, 145

Deuteranopia
177, 155, 154



Tritanopia
126, 167, 180

Trichromacy



Original Color
120, 171, 151

Protanomaly
149, 163, 147

Deuteranomaly
156, 161, 153

Tritanomaly
124, 168, 169

Monochromacy



Original Color
120, 171, 151

Achromatopsia
153, 153, 153

Achromatomaly
141, 160, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 171, 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(120, 171, 151)` looks like.

```
.text, #text, p{  
    color:rgb(120, 171, 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(120, 171, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 171, 151) }
```

Border

The CSS property to change the border of an element to RGB 120, 171, 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(120, 171, 151) }
```

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

```
.border{ border-color:rgb(120, 171, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 171, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 171, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 171, 151);  
box-shadow:4px 4px 4px 4px rgb(120, 171,  
151) }
```

Background

The CSS property to change the background color of an element to RGB 120, 171, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 171, 151) }
```

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

```
.background{ background-color: rgb(120,  
171, 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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