Converting Colors

RGB(120, 184, 123)

Have a look what the booklet for RGB(120, 184, 123) contains.

Color

RGB(120, 184, 123)

Conversions

Conversions Part 1

Format	Color
Hex	78B87B
RGB	120, 184, 123
RGB Percent	47%, 72%, 48%
CMY	0.5294, 0.2784, 0.5176
CMYK	0.35, 0.00, 0.33, 0.28
HSL	123°, 31%, 60%
HSV	123°, 35%, 72%
XYZ	28.4614, 39.7041, 24.9025
YIQ	157.9100, -18.5630, -32.5390

Conversions

Conversions Part 2

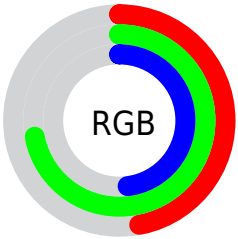
Format	Color
RYB	120, 181, 184
Decimal	7911547
CIELab	69.26, -32.98, 24.69
CIELCh	69, 41.199, 143.184
Yxy	39.7041, 0.3058, 0.4266
Android (android.graphics.Color)	4286101627 (0xFF78B87B)
YUV	157.9100, -17.2106, -33.2471
Hunter-Lab	63.0112, -29.6434, 20.6760

Details

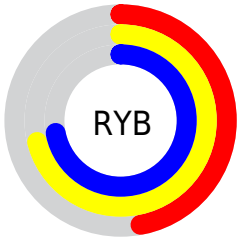
The RGB color 120, 184, 123 is a dark color, and the websafe version is hex 99CC99. A complement of this color would be 184, 120, 181, and the grayscale version is 158, 158, 158.

A 20% lighter version of the original color is 174, 240, 176, and 68, 130, 74 is the 20% darker color. If you saturate the color by 10%, you get 102, 184, 105, and if you desaturate by 10%, it is 138, 184, 141.

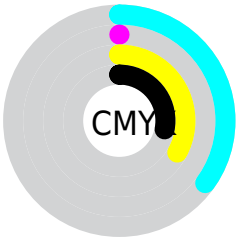
Distribution



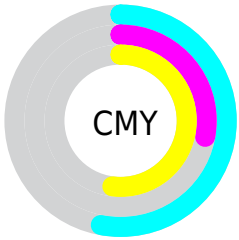
- Red (47%)
- Green (72%)
- Blue (48%)



- Red (47%)
- Yellow (71%)
- Blue (72%)



- Cyan (35%)
- Magenta (0%)
- Yellow (33%)
- Black (28%)



- Cyan (53%)
- Magenta (28%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 184, 123 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, 184, 123 by changing the saturation by 10% instead.

120, 184, 123	120, 184, 123
255, 255, 255	94, 157, 98
174, 240, 176	68, 130, 74
202, 255, 203	42, 105, 50
231, 255, 232	11, 80, 28
	0, 57, 4
	0, 36, 0
	0, 0, 0

120, 184, 123	120, 184, 123
102, 184, 105	138, 184, 141

83, 184, 88

65, 184, 70

46, 184, 53

28, 184, 35

10, 184, 18

0, 184, 9

157, 184, 158

175, 184, 176

194, 184, 193

212, 184, 211

230, 184, 228

249, 184, 246

255, 184, 255

Harmonies

Analogous

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

164, 176, 99

120, 184, 123

65, 188, 159

Triad

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

120, 184, 123

95, 175, 243

241, 141, 142

Complementary

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

120, 184, 123

184, 120, 181

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.

235, 140, 179

120, 184, 123

160, 163, 238

Square

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

120, 184, 123

0, 184, 228

208, 149, 214

228, 151, 111

Rectangle

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

120, 184, 123

0, 189, 185

208, 149, 214

241, 140, 154

Sweetspot

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

120, 184, 123

216, 240, 217

182, 184, 120

105, 120, 106

247, 247, 247

120, 120, 120

Same Dimension

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

120, 184, 123

139, 240, 144

120, 184, 154

83, 92, 83

0, 156, 7

0, 28, 1

Inverse Universe

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

184, 120, 181

240, 139, 235

184, 120, 150

92, 83, 91

156, 0, 148

28, 0, 27

Previews

White Background

This preview shows how the RGB color 120, 184, 123 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, 184, 123 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, 184, 123 Background

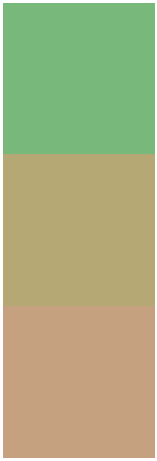
This preview shows how black text looks on a background with the RGB color 120, 184, 123.

This preview shows how white text looks on a background with the RGB color 120, 184, 123.

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, 184, 123

Protanopia
182, 168, 116

Deuteranopia
198, 161, 128

Tritanopia
133, 176, 190

Trichromacy

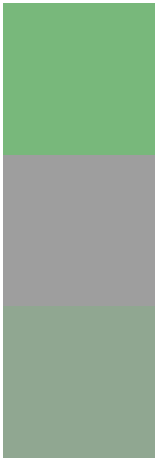
Original Color
120, 184, 123

Protanomaly
159, 174, 119

Deuteranomaly
170, 169, 126

Tritanomaly
128, 179, 166

Monochromacy



Original Color
120, 184, 123

Achromatopsia
158, 158, 158

Achromatomaly
144, 167, 145

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 184, 123 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, 184, 123) looks like.

```
.text, #text, p{
    color:rgb(120, 184, 123)
}
```

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, 184, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 184, 123) }
```

Border

The CSS property to change the border of an element to RGB 120, 184, 123 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, 184, 123) }
```

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

```
.border{ border-color:rgb(120, 184, 123) }
```

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

Here you see how a box with a 4 pixel rgb(120, 184, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 184, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 184, 123); box-shadow:4px 4px 4px 4px rgb(120, 184, 123) }
```

Background

The CSS property to change the background color of an element to RGB 120, 184, 123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(120, 184, 123) }
```

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

```
.background{ background-color:rgb(120,
184, 123) }
```

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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