

Converting Colors

RGB(120, 170, 124)

Have a look what the booklet for
RGB(120, 170, 124) contains.

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Color

RGB(120, 170, 124)

Conversions

Conversions Part 1

Format	Color
Hex	78AA7C
RGB	120, 170, 124
RGB Percent	47%, 67%, 49%
CMY	0.5294, 0.3333, 0.5137
CMYK	0.29, 0.00, 0.27, 0.33
HSL	125°, 23%, 57%
HSV	125°, 29%, 67%
XYZ	25.7585, 34.1978, 24.3120
YIQ	149.8060, -15.0340, -24.9060

Conversions

Conversions Part 2

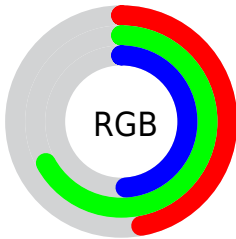
Format	Color
RYB	120, 166, 170
Decimal	7907964
CIELab	65.12, -26.08, 18.53
CIELCh	65, 31.995, 144.616
Yxy	34.1978, 0.3057, 0.4058
Android (android.graphics.Color)	4286098044 (0xFF78AA7C)
YUV	149.8060, -12.7224, -26.1399
Hunter-Lab	58.4788, -23.7130, 16.2860

Details

The RGB color **120, 170, 124** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **170, 120, 166**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **173, 226, 177**, and **69, 118, 75** is the 20% darker color. If you saturate the color by 10%, you get **103, 170, 108**, and if you desaturate by 10%, it is **137, 170, 140**.

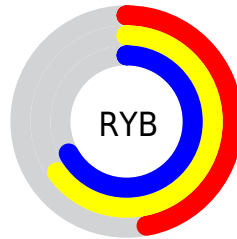
Distribution



Red (47%)

Green (67%)

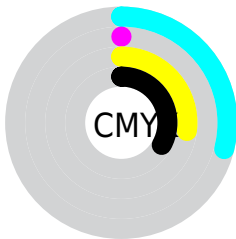
Blue (49%)



Red (47%)

Yellow (65%)

Blue (67%)

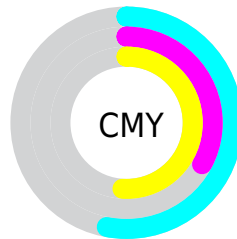


Cyan (29%)

Magenta (0%)

Yellow (27%)

Black (33%)



Cyan (53%)


Magenta (33%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 170, 124 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, 170, 124 by changing the saturation by 10% instead.


 120, 170, 124


255, 255, 255

 173, 226, 177

 201, 254, 204

 230, 255, 232

 120, 170, 124

 94, 143, 99

 69, 118, 75

 45, 93, 52

 20, 69, 30


 0, 46, 7


 0, 26, 0

 0, 0, 0

 120, 170, 124

 103, 170, 108


 120, 170, 124

 137, 170, 140


 86, 170, 93

 154, 170, 155

 69, 170, 77

 171, 170, 171


 52, 170, 61


 188, 170, 187

 35, 170, 46


 205, 170, 202

 18, 170, 30

 222, 170, 218

 1, 170, 15

 239, 170, 233

 0, 170, 14

 255, 170, 249

 255, 170, 255

Harmonies

Analogous

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



153, 164, 105



120, 170, 124



85, 173, 152

Triad

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



120, 170, 124



110, 162, 215



214, 138, 136

Complementary

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



120, 170, 124



170, 120, 166

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.



210, 137, 164



120, 170, 124



155, 153, 210

Square

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



120, 170, 124



69, 170, 204



189, 143, 192



204, 145, 112

Rectangle

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



120, 170, 124



65, 174, 171



189, 143, 192



215, 137, 145

Sweetspot

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



120, 170, 124



202, 222, 203



167, 170, 120



100, 112, 101



240, 240, 240



112, 112, 112

Same Dimension

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



120, 170, 124



144, 222, 150



120, 170, 148



76, 84, 76



0, 148, 12



0, 20, 2

Inverse Universe

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



170, 120, 166



222, 144, 216



170, 120, 142



84, 76, 83



148, 0, 136



20, 0, 19

Previews

White Background



This preview shows how the RGB color 120, 170, 124 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, 170, 124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

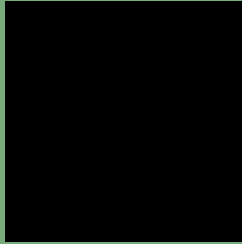
Any Text WCAG AA ✓ Pass

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, 170, 124 Background



This preview shows how black text looks on a background with the RGB color 120, 170, 124.

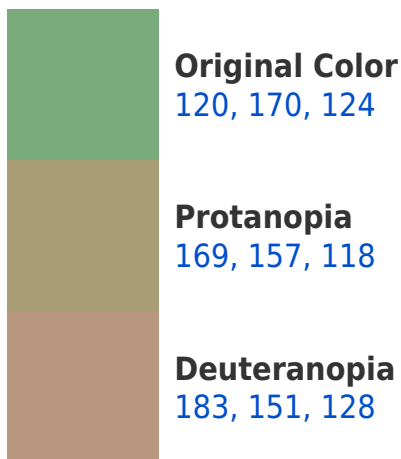



This preview shows how white text looks on a background with the RGB color 120, 170, 124.

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
130, 163, 176

Trichromacy



Original Color
120, 170, 124

Protanomaly
151, 162, 120

Deuteranomaly
160, 158, 127

Tritanomaly
126, 166, 157

Monochromacy



Original Color
120, 170, 124

Achromatopsia
150, 150, 150

Achromatomaly
139, 157, 141

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 170, 124 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, 170, 124)` looks like.

```
.text, #text, p{  
    color:rgb(120, 170, 124)  
}
```

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, 170, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 170, 124) }
```

Border

The CSS property to change the border of an element to RGB 120, 170, 124 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, 170, 124) }
```

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

```
.border{ border-color:rgb(120, 170, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 170, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 170, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 170, 124);  
box-shadow:4px 4px 4px 4px rgb(120, 170,  
124) }
```

Background

The CSS property to change the background color of an element to RGB 120, 170, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 170, 124) }
```

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

```
.background{ background-color: rgb(120,  
170, 124) }
```

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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