

Converting Colors

RGB(131, 180, 121)

Have a look what the booklet for
RGB(131, 180, 121) contains.

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Color

RGB(131, 180, 121)

Conversions

Conversions Part 1

Format	Color
Hex	83B479
RGB	131, 180, 121
RGB Percent	51%, 71%, 47%
CMY	0.4863, 0.2941, 0.5255
CMYK	0.27, 0.00, 0.33, 0.29
HSL	110°, 28%, 59%
HSV	110°, 33%, 71%
XYZ	29.1325, 38.8483, 24.0522
YIQ	158.6230, -10.2650, -28.7370

Conversions

Conversions Part 2

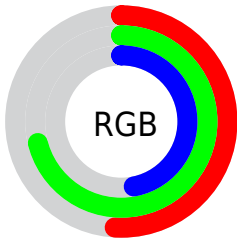
Format	Color
R _Y B	121, 180, 170
Decimal	8631417
CIE Lab	68.64, -27.71, 25.03
CIE LCh	69, 37.346, 137.910
Yxy	38.8483, 0.3165, 0.4221
Android (android.graphics.Color)	4286821497 (0xFF83B479)
YUV	158.6230, -18.5481, -24.2254
Hunter-Lab	62.3284, -25.6431, 20.7502

Details

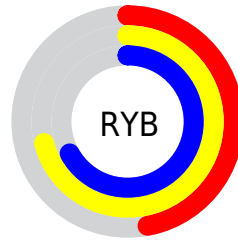
The RGB color **131, 180, 121** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **170, 121, 180**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **185, 236, 174**, and **80, 127, 72** is the 20% darker color. If you saturate the color by 10%, you get **116, 180, 103**, and if you desaturate by 10%, it is **146, 180, 139**.

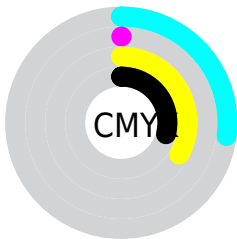
Distribution



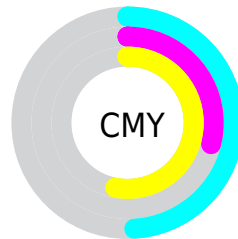
- Red (51%)
- Green (71%)
- Blue (47%)



- Red (47%)
- Yellow (71%)
- Blue (67%)



- Cyan (27%)
- Magenta (0%)
- Yellow (33%)
- Black (29%)




- Cyan (49%)
- Magenta (29%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 131, 180, 121 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 131, 180, 121 by changing the saturation by 10% instead.


 131, 180, 121


255, 255, 255


 185, 236, 174


 213, 255, 201


 242, 255, 230

 131, 180, 121

 105, 153, 96

 80, 127, 72


 55, 102, 48

 30, 77, 26


 3, 54, 2


 0, 34, 0


 0, 0, 0


 131, 180, 121


 116, 180, 103

 131, 180, 121


 146, 180, 139


 101, 180, 85

 161, 180, 157

 86, 180, 67


 176, 180, 175


 71, 180, 49


 191, 180, 193


 56, 180, 31


 206, 180, 211

 41, 180, 13

 221, 180, 229

 31, 180, 0

 236, 180, 247

 251, 180, 255

 255, 180, 255

Harmonies

Analogous

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



169, 172, 102



131, 180, 121



87, 185, 152

Triad

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



131, 180, 121



94, 175, 233



234, 142, 148

Complementary

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



131, 180, 121



170, 121, 180

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.



225, 143, 183



131, 180, 121



151, 164, 232

Square

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



131, 180, 121



32, 182, 217



196, 151, 213



225, 149, 119

Rectangle

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



131, 180, 121



54, 186, 176



196, 151, 213



233, 141, 160

Sweetspot

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



131, 180, 121



215, 235, 211



180, 169, 121



106, 117, 103



245, 245, 245



117, 117, 117

Same Dimension

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



131, 180, 121



159, 235, 143



121, 180, 140



82, 89, 80



26, 153, 0



4, 26, 0

Inverse Universe

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



170, 121, 180



219, 143, 235



180, 121, 161



88, 80, 89



127, 0, 153



21, 0, 26

Previews

White Background



This preview shows how the RGB color 131, 180, 121 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 131, 180, 121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

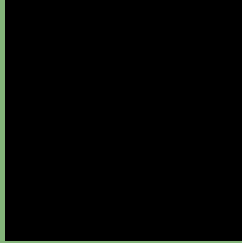
Any Text WCAG AA ✓ Pass

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 131, 180, 121 Background



This preview shows how black text looks on a background with the RGB color 131, 180, 121.



This preview shows how white text looks on a background with the RGB color 131, 180, 121.

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
131, 180, 121

Protanopia
180, 167, 115

Deuteranopia
197, 160, 125



Tritanopia
142, 172, 186

Trichromacy



Original Color
131, 180, 121

Protanomaly
162, 172, 117

Deuteranomaly
173, 167, 124

Tritanomaly
138, 175, 162

Monochromacy



Original Color
131, 180, 121

Achromatopsia
159, 159, 159

Achromatomaly
149, 167, 145

CSS Examples

Text

The CSS property to change the color of the text to RGB 131, 180, 121 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(131, 180, 121)` looks like.

```
.text, #text, p{  
    color:rgb(131, 180, 121)  
}
```

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(131, 180, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 180, 121) }
```

Border

The CSS property to change the border of an element to RGB 131, 180, 121 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(131, 180, 121) }
```

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

```
.border{ border-color:rgb(131, 180, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 180, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 180, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 180, 121);  
box-shadow:4px 4px 4px 4px rgb(131, 180,  
121) }
```

Background

The CSS property to change the background color of an element to RGB 131, 180, 121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 180, 121) }
```

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

```
.background{ background-color: rgb(131,  
180, 121) }
```

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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