

Converting Colors

RGB(171, 196, 122)

Have a look what the booklet for
RGB(171, 196, 122) contains.

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Color

RGB(171, 196, 122)

Conversions

Conversions Part 1

Format	Color
Hex	ABC47A
RGB	171, 196, 122
RGB Percent	67%, 77%, 48%
CMY	0.3294, 0.2314, 0.5216
CMYK	0.13, 0.00, 0.38, 0.23
HSL	80°, 39%, 62%
HSV	80°, 38%, 77%
XYZ	40.0474, 49.5429, 25.8644
YIQ	180.0890, 8.8540, -28.3140

Conversions

Conversions Part 2

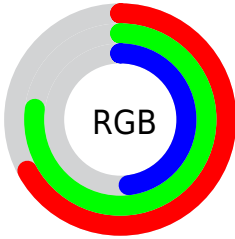
Format	Color
R _{YB}	122, 196, 147
Decimal	11256954
CIE Lab	75.79, -20.80, 34.39
CIE LCh	76, 40.189, 121.160
Yxy	49.5429, 0.3469, 0.4291
Android (android.graphics.Color)	4289447034 (0xFFABC47A)
YUV	180.0890, -28.6379, -7.9711
Hunter-Lab	70.3867, -21.6171, 27.4840

Details

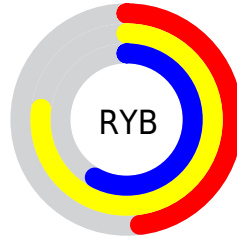
The RGB color **171, 196, 122** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **147, 122, 196**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **227, 253, 175**, and **118, 142, 72** is the 20% darker color. If you saturate the color by 10%, you get **164, 196, 102**, and if you desaturate by 10%, it is **178, 196, 142**.

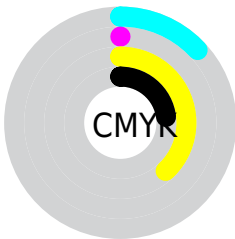
Distribution



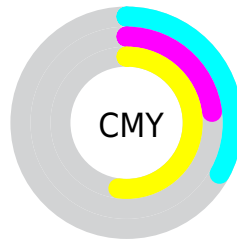
- Red (67%)
- Green (77%)
- Blue (48%)



- Red (48%)
- Yellow (77%)
- Blue (58%)



- Cyan (13%)
- Magenta (0%)
- Yellow (38%)
- Black (23%)




- Cyan (33%)
- Magenta (23%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RGB color 171, 196, 122 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 171, 196, 122 by changing the saturation by 10% instead.


 171, 196, 122

255, 255, 255


 227, 253, 175


 255, 255, 203

 255, 255, 231

 171, 196, 122


 144, 169, 97

 118, 142, 72

 92, 117, 48


 67, 92, 24


 43, 68, 0


 20, 46, 0

 0, 27, 0


 0, 0, 0

 171, 196, 122


 171, 196, 122


 164, 196, 102


 178, 196, 142

 158, 196, 83

 184, 196, 161

 151, 196, 63

 191, 196, 181


 145, 196, 44

 197, 196, 200

 138, 196, 24

 204, 196, 220


 131, 196, 4

 211, 196, 240

 130, 196, 0

 217, 196, 255

 224, 196, 255

 231, 196, 255

Harmonies

Analogous

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



210, 185, 112



171, 196, 122



127, 203, 150

Triad

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



171, 196, 122



69, 200, 251



255, 158, 187

Complementary

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



171, 196, 122



147, 122, 196

Split Complementary

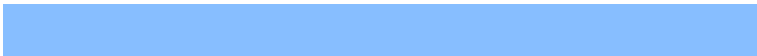
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



235, 164, 223



171, 196, 122



135, 190, 255

Square

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



171, 196, 122



26, 206, 224



193, 177, 250



255, 161, 150

Rectangle

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



171, 196, 122



94, 206, 174



193, 177, 250



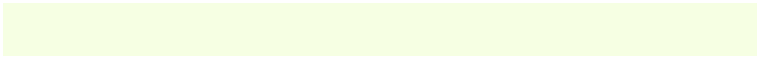
252, 159, 199

Sweetspot

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



171, 196, 122



246, 255, 227



196, 147, 122



122, 128, 111



0, 0, 0



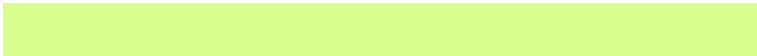
128, 128, 128

Same Dimension

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



171, 196, 122



216, 255, 140



134, 196, 122



94, 97, 87



106, 161, 0



22, 33, 0

Inverse Universe

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



147, 122, 196



179, 140, 255



184, 122, 196



90, 87, 97



54, 0, 161



11, 0, 33

Previews

White Background



This preview shows how the RGB color 171, 196, 122 looks on a white background.

Color Contrast Check

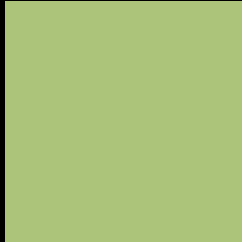
Large Text (above 18pt) WCAG AA × Fail

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 171, 196, 122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

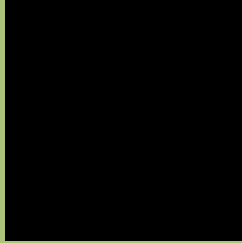
Any Text WCAG AA ✓ Pass

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 171, 196, 122 Background



This preview shows how black text looks on a background with the RGB color 171, 196, 122.

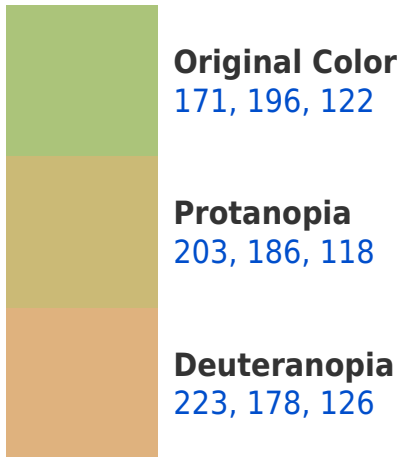


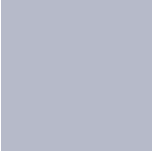
This preview shows how white text looks on a background with the RGB color 171, 196, 122.

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
182, 186, 201

Trichromacy



Original Color
171, 196, 122

Protanomaly
191, 190, 119

Deuteranomaly
204, 185, 125

Tritanomaly
178, 190, 172

Monochromacy



Original Color
171, 196, 122

Achromatopsia
180, 180, 180

Achromatomaly
177, 186, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 171, 196, 122 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(171, 196, 122)` looks like.

```
.text, #text, p{  
    color:rgb(171, 196, 122)  
}
```

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(171, 196, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 196, 122) }
```

Border

The CSS property to change the border of an element to RGB 171, 196, 122 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(171, 196, 122) }
```

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

```
.border{ border-color:rgb(171, 196, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 196, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 196, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 196, 122);  
box-shadow:4px 4px 4px 4px rgb(171, 196,  
122) }
```

Background

The CSS property to change the background color of an element to RGB 171, 196, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 196, 122) }
```

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

```
.background{ background-color: rgb(171,  
196, 122) }
```

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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