

Converting Colors

RGB(122, 201, 155)

Have a look what the booklet for
RGB(122, 201, 155) contains.

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Color

RGB(122, 201, 155)

Conversions

Conversions Part 1

Format	Color
Hex	7AC99B
RGB	122, 201, 155
RGB Percent	48%, 79%, 61%
CMY	0.5216, 0.2118, 0.3922
CMYK	0.39, 0.00, 0.23, 0.21
HSL	145°, 42%, 63%
HSV	145°, 39%, 79%
XYZ	34.8291, 48.2774, 38.4931
YIQ	172.1350, -32.3180, -31.0540

Conversions

Conversions Part 2

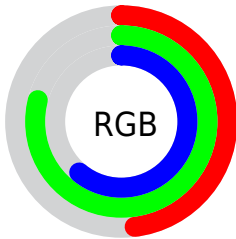
Format	Color
RYB	122, 178, 201
Decimal	8047003
CIELab	75.00, -34.44, 15.48
CIElCh	75, 37.760, 155.801
Yxy	48.2774, 0.2864, 0.3970
Android (android.graphics.Color)	4286237083 (0xFF7AC99B)
YUV	172.1350, -8.4476, -43.9684
Hunter-Lab	69.4820, -32.1171, 15.7906

Details

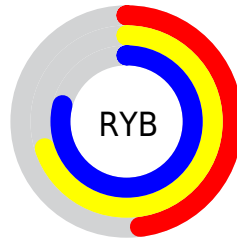
The RGB color **122, 201, 155** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **201, 122, 168**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **177, 255, 210**, and **68, 146, 104** is the 20% darker color. If you saturate the color by 10%, you get **102, 201, 143**, and if you desaturate by 10%, it is **142, 201, 167**.

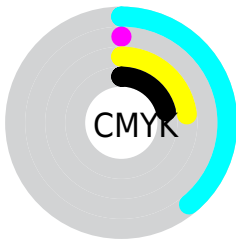
Distribution



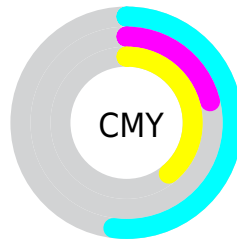
- Red (48%)
- Green (79%)
- Blue (61%)



- Red (48%)
- Yellow (70%)
- Blue (79%)



- Cyan (39%)
- Magenta (0%)
- Yellow (23%)
- Black (21%)



- Cyan (52%)
- Magenta (21%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 122, 201, 155 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 122, 201, 155 by changing the saturation by 10% instead.

 122, 201, 155


255, 255, 255

 177, 255, 210


 206, 255, 238

 235, 255, 255

 122, 201, 155

 95, 173, 129

 68, 146, 104

 40, 120, 79

 2, 95, 56

 0, 71, 35

 0, 47, 13

 0, 26, 0

 0, 0, 0

 122, 201, 155

 122, 201, 155

 102, 201, 143

 142, 201, 167

 82, 201, 132

 162, 201, 178

 62, 201, 120

 182, 201, 190

 42, 201, 108

 202, 201, 202

 22, 201, 96

 223, 201, 214

 1, 201, 85

 243, 201, 225

 0, 201, 84

 255, 201, 237

 255, 201, 249

 255, 201, 255

Harmonies

Analogous

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



164, 195, 127



122, 201, 155



78, 203, 190

Triad

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



122, 201, 155



147, 186, 253



250, 162, 146

Complementary

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



122, 201, 155



201, 122, 168

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.



252, 158, 179



122, 201, 155



198, 173, 241

Square

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



122, 201, 155



89, 196, 247



234, 162, 214



232, 173, 122

Rectangle

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



122, 201, 155



54, 203, 214



234, 162, 214



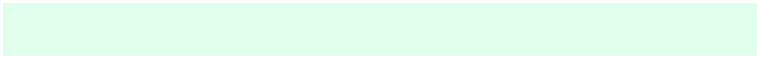
253, 160, 156

Sweetspot

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



122, 201, 155



224, 255, 237



168, 201, 122



110, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



122, 201, 155



135, 255, 185



122, 201, 194



90, 99, 94



0, 163, 68



0, 36, 15

Inverse Universe

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



201, 122, 168



255, 135, 205



201, 122, 129



99, 90, 95



163, 0, 95



36, 0, 21

Previews

White Background



This preview shows how the RGB color 122, 201, 155 looks on a white background.

Color Contrast Check

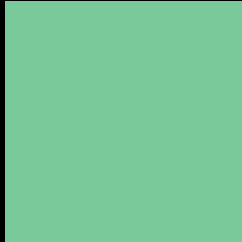
Large Text (above 18pt) WCAG AA × Fail

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 122, 201, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

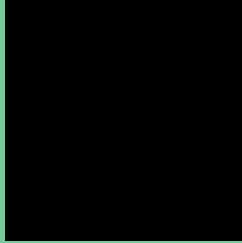
Any Text WCAG AA ✓ Pass

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 122, 201, 155 Background



This preview shows how black text looks on a background with the RGB color 122, 201, 155.

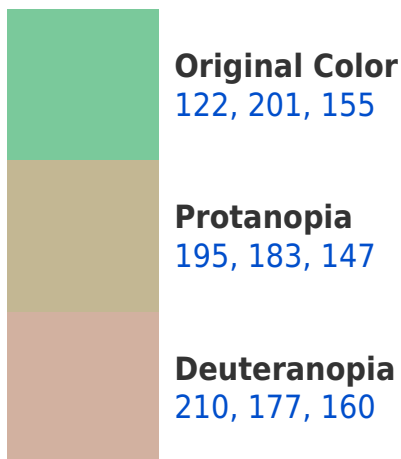


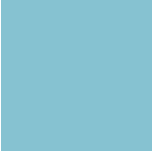
This preview shows how white text looks on a background with the RGB color 122, 201, 155.

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
134, 194, 209

Trichromacy



Original Color

122, 201, 155



Protanomaly

168, 190, 150



Deuteranomaly

178, 186, 158



Tritanomaly

130, 197, 189

Monochromacy



Original Color

122, 201, 155



Achromatopsia

172, 172, 172



Achromatomaly

154, 183, 166

CSS Examples

Text

The CSS property to change the color of the text to RGB 122, 201, 155 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(122, 201, 155)` looks like.

```
.text, #text, p{  
    color:rgb(122, 201, 155)  
}
```

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(122, 201, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 201, 155) }
```

Border

The CSS property to change the border of an element to RGB 122, 201, 155 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(122, 201, 155) }
```

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

```
.border{ border-color:rgb(122, 201, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 201, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 201, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 201, 155);  
box-shadow:4px 4px 4px 4px rgb(122, 201,  
155) }
```

Background

The CSS property to change the background color of an element to RGB 122, 201, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 201, 155) }
```

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

```
.background{ background-color: rgb(122,  
201, 155) }
```

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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