

Converting Colors

RGB(120, 187, 155)

Have a look what the booklet for
RGB(120, 187, 155) contains.

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Color

RGB(120, 187, 155)

Conversions

Conversions Part 1

Format	Color
Hex	78BB9B
RGB	120, 187, 155
RGB Percent	47%, 73%, 61%
CMY	0.5294, 0.2667, 0.3922
CMYK	0.36, 0.00, 0.17, 0.27
HSL	151°, 33%, 60%
HSV	151°, 36%, 73%
XYZ	31.4324, 41.9003, 37.4412
YIQ	163.3190, -29.6600, -24.1560

Conversions

Conversions Part 2

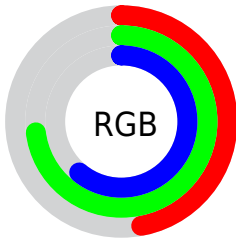
Format	Color
RYB	120, 164, 187
Decimal	7912347
CIELab	70.80, -28.38, 9.54
CIELCh	71, 29.941, 161.418
Yxy	41.9003, 0.2838, 0.3783
Android (android.graphics.Color)	4286102427 (0xFF78BB9B)
YUV	163.3190, -4.1013, -37.9908
Hunter-Lab	64.7304, -26.6004, 11.0169

Details

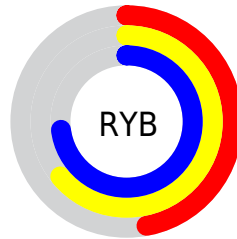
The RGB color **120, 187, 155** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **187, 120, 152**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **174, 243, 209**, and **68, 133, 104** is the 20% darker color. If you saturate the color by 10%, you get **101, 187, 146**, and if you desaturate by 10%, it is **139, 187, 164**.

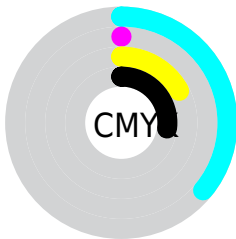
Distribution



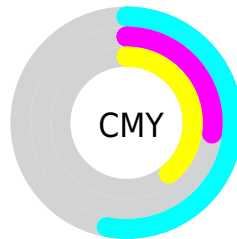
- Red (47%)
- Green (73%)
- Blue (61%)



- Red (47%)
- Yellow (64%)
- Blue (73%)



- Cyan (36%)
- Magenta (0%)
- Yellow (17%)
- Black (27%)




- Cyan (53%)
- Magenta (27%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 187, 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 120, 187, 155 by changing the saturation by 10% instead.


 120, 187, 155


255, 255, 255


 174, 243, 209


 202, 255, 238

 231, 255, 255

 120, 187, 155


 94, 160, 129

 68, 133, 104

 41, 108, 80


 10, 83, 57


 0, 60, 35


 0, 38, 14

 0, 5, 0


 0, 0, 0

 120, 187, 155


 120, 187, 155

 101, 187, 146


 139, 187, 164

 83, 187, 137


 157, 187, 173

 64, 187, 128

 176, 187, 182

 45, 187, 119


 195, 187, 191


 27, 187, 110

 213, 187, 200

 8, 187, 101

 232, 187, 209

 0, 187, 98

 251, 187, 218

 255, 187, 226

 255, 187, 235

Harmonies

Analogous

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



152, 182, 132



120, 187, 155



93, 188, 183

Triad

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



120, 187, 155



153, 172, 226



224, 157, 138

Complementary

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



120, 187, 155



187, 120, 152

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.



228, 153, 164



120, 187, 155



190, 163, 214

Square

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



120, 187, 155



114, 181, 224



216, 155, 191



207, 166, 122

Rectangle

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



120, 187, 155



86, 187, 201



216, 155, 191



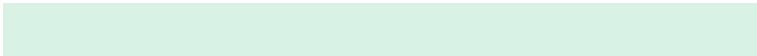
227, 155, 146

Sweetspot

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



120, 187, 155



216, 242, 230



152, 187, 120



106, 122, 115



250, 250, 250



122, 122, 122

Same Dimension

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



120, 187, 155



138, 242, 192



120, 186, 187



85, 94, 90



0, 158, 83



0, 31, 16

Inverse Universe

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



187, 120, 152



242, 138, 188



187, 121, 120



94, 85, 89



158, 0, 76



31, 0, 15

Previews

White Background



This preview shows how the RGB color 120, 187, 155 looks on a white background.

Color Contrast Check

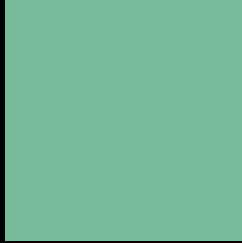
Large Text (above 18pt) WCAG AA × Fail

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 120, 187, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

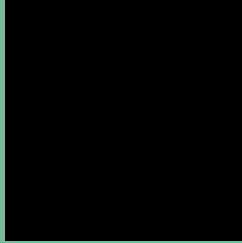
Any Text WCAG AA ✓ Pass

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 120, 187, 155 Background



This preview shows how black text looks on a background with the RGB color 120, 187, 155.

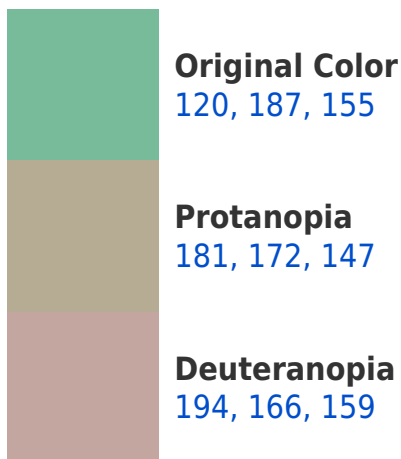


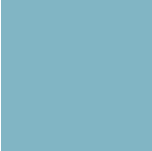
This preview shows how white text looks on a background with the RGB color 120, 187, 155.

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
129, 181, 196

Trichromacy



Original Color

120, 187, 155



Protanomaly

159, 177, 150



Deuteranomaly

167, 174, 158



Tritanomaly

126, 183, 181

Monochromacy



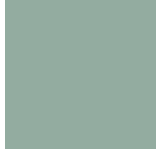
Original Color

120, 187, 155



Achromatopsia

163, 163, 163



Achromatomaly

147, 172, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 187, 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(120, 187, 155)` looks like.

```
.text, #text, p{  
    color:rgb(120, 187, 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(120, 187, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 187, 155) }
```

Border

The CSS property to change the border of an element to RGB 120, 187, 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(120, 187, 155) }
```

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

```
.border{ border-color:rgb(120, 187, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 187, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 187, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 187, 155);  
box-shadow:4px 4px 4px 4px rgb(120, 187,  
155) }
```

Background

The CSS property to change the background color of an element to RGB 120, 187, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 187, 155) }
```

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

```
.background{ background-color: rgb(120,  
187, 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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