

Converting Colors

`RYB(119, 187, 185)`

Have a look what the booklet for
RYB(119, 187, 185) contains.

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Color

R_YB(119, 187, 185)

Conversions

Conversions Part 1

Format	Color
Hex	79BB77
RGB	121, 187, 119
RGB Percent	47%, 73%, 47%
CMY	0.5255, 0.2667, 0.5333
CMYK	0.35, 0.00, 0.36, 0.27
HSL	118°, 33%, 60%
HSV	118°, 36%, 73%
XYZ	28.9853, 40.9375, 23.8268
YIQ	159.5140, -17.5080, -35.1400

Conversions

Conversions Part 2

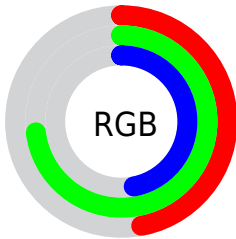
Format	Color
RYB	119, 187, 185
Decimal	7977847
CIELab	70.13, -34.71, 27.98
CIELCh	70, 44.584, 141.125
Yxy	40.9375, 0.3092, 0.4367
Android (android.graphics.Color)	4286167927 (0xFF79BB77)
YUV	159.5140, -19.9734, -33.7768
Hunter-Lab	63.9824, -31.1053, 22.7083

Details

The RYB color **119, 187, 185** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **185, 119, 187**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **172, 244, 240**, and **68, 131, 133** is the 20% darker color. If you saturate the color by 10%, you get **100, 187, 184**, and if you desaturate by 10%, it is **138, 187, 186**.

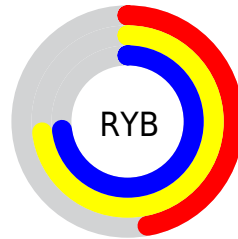
Distribution



Red (47%)

Green (73%)

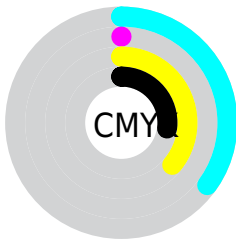
Blue (47%)



Red (47%)

Yellow (73%)

Blue (73%)

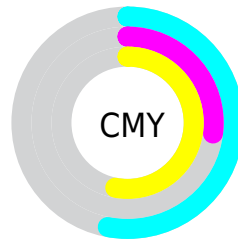


Cyan (35%)

Magenta (0%)

Yellow (36%)

Black (27%)



Cyan (53%)

Magenta (27%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 119, 187, 185 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 RYB color 119, 187, 185 by changing the saturation by 10% instead.

 119, 187, 185


255, 255, 255


 172, 244, 240


 199, 255, 250


 228, 255, 251

 119, 187, 185

 94, 160, 159

 68, 131, 133

 42, 104, 108

 10, 72, 83

 0, 59, 59

 0, 38, 38

 0, 1, 1


 0, 0, 0

 119, 187, 185


 119, 187, 185

 100, 187, 184


 138, 187, 186

 82, 187, 184


 156, 187, 186


 63, 187, 183


 175, 187, 187


 44, 187, 183

 194, 187, 194

 25, 187, 182

 212, 187, 213

 7, 187, 182

 230, 187, 231

 0, 187, 182

 248, 187, 250

 255, 187, 255

Harmonies

Analogous

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



94, 178, 104



119, 187, 185



57, 134, 192

Triad

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



119, 187, 185



79, 142, 251



249, 140, 144

Complementary

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



119, 187, 185



185, 119, 187

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.



241, 140, 185



119, 187, 185



157, 164, 247

Square

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



119, 187, 185



0, 104, 233



210, 150, 223



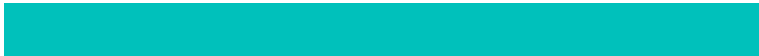
236, 171, 110

Rectangle

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



119, 187, 185



0, 98, 193



210, 150, 223



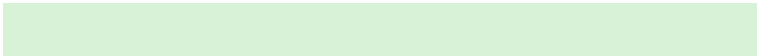
249, 139, 158

Sweetspot

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



119, 187, 185



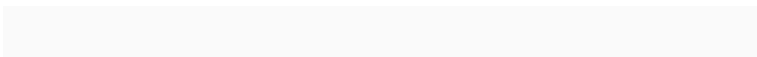
216, 242, 242



121, 187, 119



106, 122, 121



250, 250, 250



122, 122, 122

Same Dimension

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



119, 187, 185



136, 242, 239



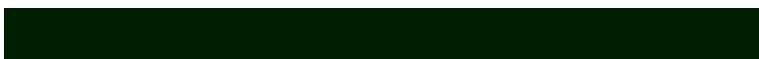
119, 165, 187



85, 94, 94



0, 158, 153



0, 31, 30

Inverse Universe

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



185, 119, 187



239, 136, 242



187, 119, 155



94, 85, 94



153, 0, 158



30, 0, 31

Previews

White Background



This preview shows how the RYB color 119, 187, 185 looks on a white background.

Color Contrast Check

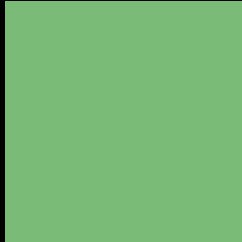
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 119, 187, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

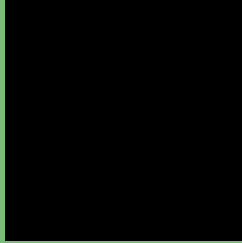
Any Text WCAG AA ✓ Pass

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](#).

R Y B 119, 187, 185 Background



This preview shows how black text looks on a background with the RYB color 119, 187, 185.



This preview shows how white text looks on a background with the RYB color 119, 187, 185.

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](#).

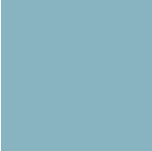
Dichromacy



Original Color
[119, 187, 185](#)

Protanopia
[129, 185, 112](#)

Deuteranopia
[202, 202, 124](#)



Tritanopia
135, 160, 192

Trichromacy



Original Color

119, 187, 185

Protanomaly

115, 177, 130

Deuteranomaly

123, 173, 122

Tritanomaly

130, 160, 181

Monochromacy



Original Color

119, 187, 185

Achromatopsia

160, 160, 160

Achromatomaly

145, 170, 169

CSS Examples

Text

The CSS property to change the color of the text to RGB 119, 187, 185 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(121, 187, 119)` looks like.

```
.text, #text, p{  
    color:rgb(121, 187, 119)  
}
```

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(121, 187, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 187, 119) }
```

Border

The CSS property to change the border of an element to RYB 119, 187, 185 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(121, 187, 119) }
```

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

```
.border{ border-color:rgb(121, 187, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 187, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 187, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 187, 119);  
box-shadow:4px 4px 4px 4px rgb(121, 187,  
119) }
```

Background

The CSS property to change the background color of an element to RYB 119, 187, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 187, 119) }
```

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

```
.background{ background-color: rgb(121,  
187, 119) }
```

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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