

Converting Colors

`RYB(119, 189, 184)`

Have a look what the booklet for
RYB(119, 189, 184) contains.

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Color

R_YB(119, 189, 184)

Conversions

Conversions Part 1

Format	Color
Hex	7CBD77
RGB	124, 189, 119
RGB Percent	49%, 74%, 47%
CMY	0.5137, 0.2588, 0.5333
CMYK	0.34, 0.00, 0.37, 0.26
HSL	116°, 35%, 60%
HSV	116°, 37%, 74%
XYZ	29.8395, 42.0122, 23.9892
YIQ	161.5850, -16.2700, -35.5500

Conversions

Conversions Part 2

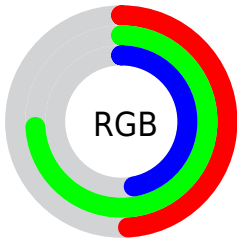
Format	Color
R_{YB}	119, 189, 184
Decimal	8174967
CIE _{Lab}	70.88, -34.66, 29.00
CIE _{LCh}	71, 45.187, 140.080
Yxy	42.0122, 0.3113, 0.4384
Android (android.graphics.Color)	4286365047 (0xFF7CBD77)
YUV	161.5850, -20.9944, -32.9620
Hunter-Lab	64.8168, -31.2538, 23.4281

Details

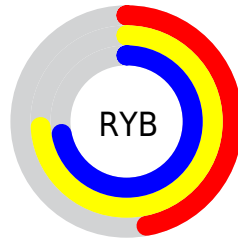
The RYB color **119, 189, 184** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **184, 119, 189**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **172, 246, 239**, and **69, 135, 133** is the 20% darker color. If you saturate the color by 10%, you get **100, 189, 183**, and if you desaturate by 10%, it is **138, 189, 185**.

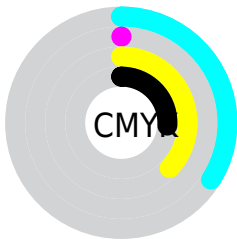
Distribution



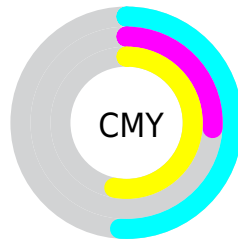
- Red (49%)
- Green (74%)
- Blue (47%)



- Red (47%)
- Yellow (74%)
- Blue (72%)



- Cyan (34%)
- Magenta (0%)
- Yellow (37%)
- Black (26%)



- Cyan (51%)
- Magenta (26%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 119, 189, 184 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, 189, 184 by changing the saturation by 10% instead.

 119, 189, 184


255, 255, 255


 172, 246, 239


 199, 255, 247


 228, 255, 247

 119, 189, 184

 94, 162, 158

 69, 135, 133

 45, 108, 109

 15, 78, 85

 0, 61, 61

 0, 39, 39

 0, 6, 6


 0, 0, 0


 119, 189, 184


 119, 189, 184

 100, 189, 183


 138, 189, 185

 81, 189, 181


 157, 189, 187


 62, 189, 180

 176, 189, 188

 43, 189, 178

 194, 189, 195

 25, 189, 178

 212, 189, 214

 6, 189, 176

 229, 189, 232

 0, 189, 176

 247, 189, 251

 255, 189, 255

Harmonies

Analogous

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



94, 180, 102



119, 189, 184



60, 137, 194

Triad

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



119, 189, 184



76, 142, 254



252, 141, 147

Complementary

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



119, 189, 184



184, 119, 189

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.



244, 141, 189



119, 189, 184



156, 167, 251

Square

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



119, 189, 184



0, 105, 235



211, 152, 227



240, 170, 112

Rectangle

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



119, 189, 184



0, 100, 195



211, 152, 227



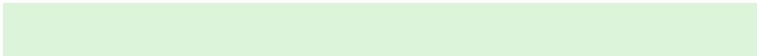
252, 140, 161

Sweetspot

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



119, 189, 184



218, 245, 243



126, 189, 119



106, 122, 120



250, 250, 250



122, 122, 122

Same Dimension

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



119, 189, 184



137, 245, 237



119, 168, 189



85, 94, 93



0, 158, 147



0, 31, 29

Inverse Universe

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



184, 119, 189



237, 137, 245



189, 119, 160



94, 85, 94



147, 0, 158



28, 0, 31

Previews

White Background



This preview shows how the RYB color 119, 189, 184 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, 189, 184 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, 189, 184 Background



This preview shows how black text looks on a background with the RYB color 119, 189, 184.

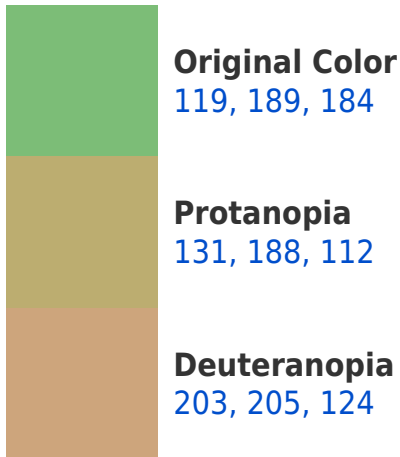


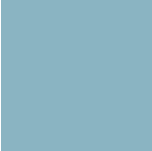
This preview shows how white text looks on a background with the RYB color 119, 189, 184.

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
138, 162, 194

Trichromacy



Original Color
119, 189, 184

Protanomaly
115, 179, 129

Deuteranomaly
124, 176, 122

Tritanomaly
133, 163, 183

Monochromacy



Original Color
119, 189, 184

Achromatopsia
162, 162, 162

Achromatomaly
146, 172, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 119, 189, 184 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(124, 189, 119)` looks like.

```
.text, #text, p{  
    color:rgb(124, 189, 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(124, 189, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 189, 119) }
```

Border

The CSS property to change the border of an element to RYB 119, 189, 184 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(124, 189, 119) }
```

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

```
.border{ border-color:rgb(124, 189, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 189, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 189, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 189, 119);  
box-shadow:4px 4px 4px 4px rgb(124, 189,  
119) }
```

Background

The CSS property to change the background color of an element to RYB 119, 189, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 189, 119) }
```

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

```
.background{ background-color: rgb(124,  
189, 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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