

Converting Colors

`RYB(153, 185, 185)`

Have a look what the booklet for
RYB(153, 185, 185) contains.

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Color

$\text{RYB}(153, 185, 185)$

Conversions

Conversions Part 1

Format	Color
Hex	99B999
RGB	153, 185, 153
RGB Percent	60%, 73%, 60%
CMY	0.4000, 0.2745, 0.4000
CMYK	0.17, 0.00, 0.17, 0.27
HSL	120°, 19%, 66%
HSV	120°, 17%, 73%
XYZ	36.2356, 43.7701, 36.6757
YIQ	171.7840, -8.8000, -16.7360

Conversions

Conversions Part 2

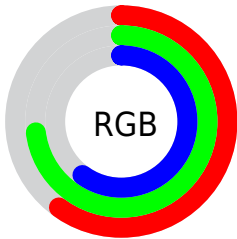
Format	Color
RYB	153, 185, 185
Decimal	10074521
CIELab	72.07, -17.08, 12.70
CIELCh	72, 21.283, 143.376
Yxy	43.7701, 0.3106, 0.3751
Android (android.graphics.Color)	4288264601 (0xFF99B999)
YUV	171.7840, -9.2605, -16.4736
Hunter-Lab	66.1590, -18.0130, 13.4435

Details

The RYB color **153, 185, 185** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **185, 153, 185**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **207, 241, 240**, and **101, 131, 132** is the 20% darker color. If you saturate the color by 10%, you get **135, 185, 185**, and if you desaturate by 10%, it is **171, 185, 185**.

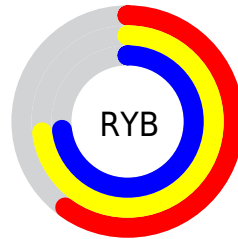
Distribution



Red (60%)

Green (73%)

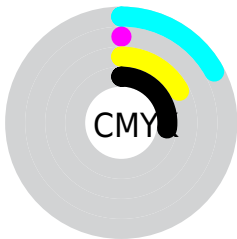
Blue (60%)



Red (60%)

Yellow (73%)

Blue (73%)

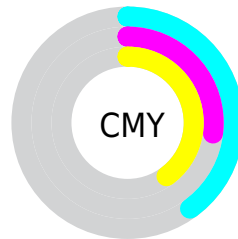


Cyan (17%)

Magenta (0%)

Yellow (17%)

Black (27%)



Cyan (40%)

Magenta (27%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the RYB color 153, 185, 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 153, 185, 185 by changing the saturation by 10% instead.


 153, 185, 185

 153, 185, 185


255, 255, 255

 127, 158, 158


 207, 241, 240

 101, 131, 132

 236, 255, 255

 77, 106, 107

 54, 81, 82


 31, 57, 59

 10, 35, 37


 0, 14, 14


 0, 0, 0


 153, 185, 185


 153, 185, 185

 135, 185, 185


 171, 185, 185

 116, 185, 185


 190, 185, 190

 98, 185, 185


 209, 185, 209

 79, 185, 185


 227, 185, 227


 61, 185, 185

 245, 185, 245

 42, 185, 185

 255, 185, 255

 24, 185, 185

 5, 185, 185

 0, 185, 185

Harmonies

Analogous

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



141, 180, 146



153, 185, 185



133, 165, 188

Triad

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



153, 185, 185



148, 170, 215



217, 164, 162

Complementary

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



153, 185, 185



185, 153, 185

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.



213, 163, 182



153, 185, 185



174, 173, 212

Square

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



153, 185, 185



128, 161, 207



198, 167, 200



211, 179, 146

Rectangle

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



153, 185, 185



125, 157, 188



198, 167, 200



217, 163, 169

Sweetspot

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



153, 185, 185



228, 240, 240



153, 185, 153



113, 120, 120



247, 247, 247



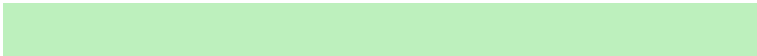
120, 120, 120

Same Dimension

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



153, 185, 185



189, 240, 240



153, 174, 185



83, 92, 92



0, 156, 156



0, 28, 28

Inverse Universe

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



185, 153, 185



240, 189, 240



185, 153, 169



92, 83, 92



156, 0, 156



28, 0, 28

Previews

White Background



This preview shows how the RYB color 153, 185, 185 looks on a white background.

Color Contrast Check

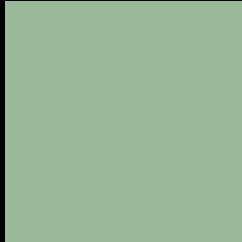
Large Text (above 18pt) WCAG AA × Fail

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 153, 185, 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](#).

RYB 153, 185, 185 Background



This preview shows how black text looks on a background with the RYB color 153, 185, 185.

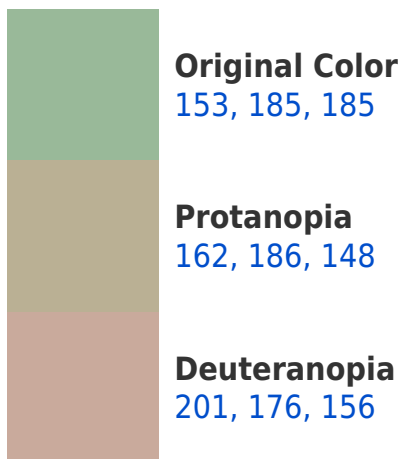


This preview shows how white text looks on a background with the RYB color 153, 185, 185.

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





Tritanopia
160, 172, 194

Trichromacy



Original Color
153, 185, 185

Protanomaly
150, 179, 155

Deuteranomaly
168, 184, 155

Tritanomaly
157, 170, 181

Monochromacy



Original Color
153, 185, 185

Achromatopsia
172, 172, 172

Achromatomaly
165, 177, 177

CSS Examples

Text

The CSS property to change the color of the text to RYB 153, 185, 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(153, 185, 153)` looks like.

```
.text, #text, p{  
    color:rgb(153, 185, 153)  
}
```

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(153, 185, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 185, 153) }
```

Border

The CSS property to change the border of an element to RYB 153, 185, 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(153, 185, 153) }
```

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

```
.border{ border-color:rgb(153, 185, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 185, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 185, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 185, 153);  
box-shadow:4px 4px 4px 4px rgb(153, 185,  
153) }
```

Background

The CSS property to change the background color of an element to RYB 153, 185, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 185, 153) }
```

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

```
.background{ background-color: rgb(153,  
185, 153) }
```

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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