

Converting Colors

`RYB(154, 185, 176)`

Have a look what the booklet for
RYB(154, 185, 176) contains.

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Color

R_YB(154, 185, 176)

Conversions

Conversions Part 1

Format	Color
Hex	A3B99A
RGB	163, 185, 154
RGB Percent	64%, 73%, 60%
CMY	0.3608, 0.2745, 0.3961
CMYK	0.12, 0.00, 0.17, 0.27
HSL	103°, 18%, 66%
HSV	103°, 17%, 73%
XYZ	38.2860, 44.8175, 37.2046
YIQ	174.8880, -3.1610, -14.3050

Conversions

Conversions Part 2

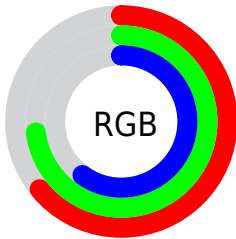
Format	Color
RYB	154, 185, 176
Decimal	10729882
CIELab	72.77, -13.37, 13.23
CIELCh	73, 18.813, 135.301
Yxy	44.8175, 0.3182, 0.3725
Android (android.graphics.Color)	4288919962 (0xFFA3B99A)
YUV	174.8880, -10.2978, -10.4258
Hunter-Lab	66.9459, -15.0723, 13.9122

Details

The RYB color **154, 185, 176** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **176, 154, 185**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **208, 241, 231**, and **103, 132, 124** is the 20% darker color. If you saturate the color by 10%, you get **136, 185, 171**, and if you desaturate by 10%, it is **173, 185, 182**.

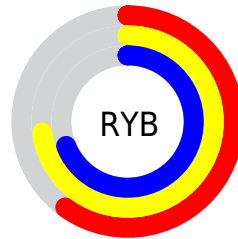
Distribution



Red (64%)

Green (73%)

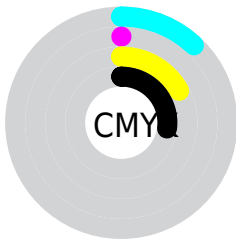
Blue (60%)



Red (60%)

Yellow (73%)

Blue (69%)

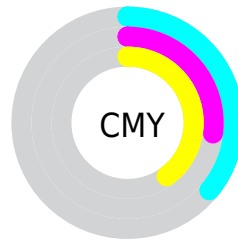


Cyan (12%)

Magenta (0%)

Yellow (17%)

Black (27%)



Cyan (36%)

Magenta (27%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 185, 176 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 154, 185, 176 by changing the saturation by 10% instead.

 154, 185, 176

255, 255, 255


 208, 241, 231

 237, 255, 245

 154, 185, 176


 128, 158, 149


 103, 132, 124

 79, 107, 100


 56, 82, 75


 34, 59, 52

 13, 37, 30

 0, 17, 17

 0, 0, 0

 154, 185, 176


 154, 185, 176


 136, 185, 171


 173, 185, 182

 117, 185, 165


 189, 185, 191

 99, 185, 160


 202, 185, 210


 80, 185, 155


 216, 185, 228

 61, 185, 149


 229, 185, 246

 43, 185, 144

 242, 185, 255

 24, 185, 138

 255, 185, 255

 6, 185, 133

 0, 185, 131

Harmonies

Analogous

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



148, 183, 145



154, 185, 176



145, 173, 188

Triad

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



154, 185, 176



149, 171, 211



215, 167, 170

Complementary

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



154, 185, 176



176, 154, 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.



208, 167, 188



154, 185, 176



171, 176, 212

Square

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



154, 185, 176



135, 164, 202



192, 171, 203



211, 174, 155

Rectangle

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



154, 185, 176



136, 165, 189



192, 171, 203



214, 167, 176

Sweetspot

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



154, 185, 176



228, 240, 237



167, 185, 154



113, 120, 118



247, 247, 247



120, 120, 120

Same Dimension

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



154, 185, 176



192, 240, 226



154, 180, 185



83, 92, 90



0, 156, 111



0, 28, 20

Inverse Universe

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



176, 154, 185



226, 192, 240



185, 154, 179



89, 83, 92



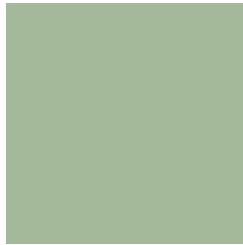
110, 0, 156



20, 0, 28

Previews

White Background



This preview shows how the RYB color 154, 185, 176 looks on a white background.

Color Contrast Check

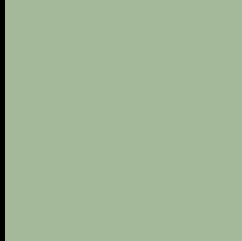
Large Text (above 18pt) WCAG AA × Fail

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 154, 185, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

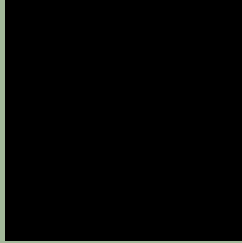
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

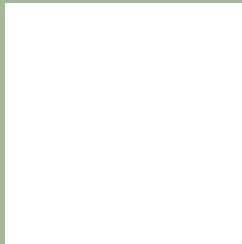
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 154, 185, 176 Background



This preview shows how black text looks on a background with the RYB color 154, 185, 176.

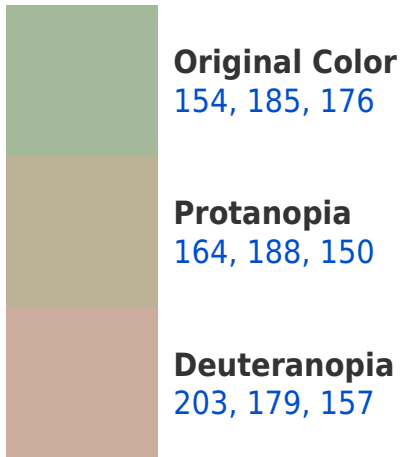


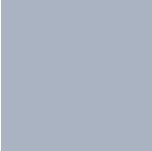
This preview shows how white text looks on a background with the RYB color 154, 185, 176.

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](#).

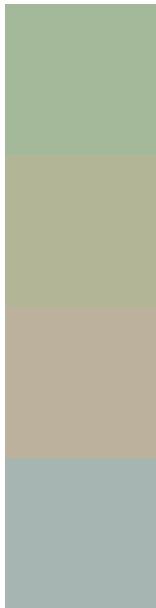
Dichromacy





Tritanopia
169, 176, 194

Trichromacy



Original Color

154, 185, 176

Protanomaly

151, 181, 153

Deuteranomaly

173, 188, 156

Tritanomaly

167, 175, 181

Monochromacy



Original Color

154, 185, 176

Achromatopsia

175, 175, 175

Achromatomaly

167, 179, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 185, 176 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(163, 185, 154)` looks like.

```
.text, #text, p{  
    color:rgb(163, 185, 154)  
}
```

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(163, 185, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 185, 154) }
```

Border

The CSS property to change the border of an element to RYB 154, 185, 176 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(163, 185, 154) }
```

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

```
.border{ border-color:rgb(163, 185, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 185, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 185, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 185, 154);  
box-shadow:4px 4px 4px 4px rgb(163, 185,  
154) }
```

Background

The CSS property to change the background color of an element to RYB 154, 185, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 185, 154) }
```

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

```
.background{ background-color: rgb(163,  
185, 154) }
```

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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