

Converting Colors

`RYB(154, 201, 186)`

Have a look what the booklet for
RYB(154, 201, 186) contains.

RYB(154, 201, 186)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(154, 201, 186)

Conversions

Conversions Part 1

Format	Color
Hex	A9C99A
RGB	169, 201, 154
RGB Percent	66%, 79%, 60%
CMY	0.3373, 0.2118, 0.3961
CMYK	0.16, 0.00, 0.23, 0.21
HSL	101°, 30%, 70%
HSV	101°, 23%, 79%
XYZ	43.0816, 52.5414, 38.4427
YIQ	186.0740, -3.9850, -21.4010

Conversions

Conversions Part 2

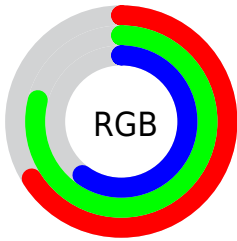
Format	Color
RYB	154, 201, 186
Decimal	11127194
CIELab	77.60, -19.38, 20.03
CIELCh	78, 27.873, 134.062
Yxy	52.5414, 0.3213, 0.3919
Android (android.graphics.Color)	4289317274 (0xFFA9C99A)
YUV	186.0740, -15.8125, -14.9739
Hunter-Lab	72.4854, -20.7584, 19.2953

Details

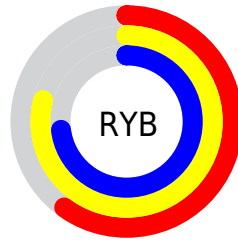
The RYB color **154, 201, 186** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **186, 154, 201**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **209, 255, 239**, and **103, 147, 134** is the 20% darker color. If you saturate the color by 10%, you get **134, 201, 180**, and if you desaturate by 10%, it is **174, 201, 192**.

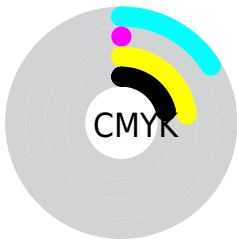
Distribution



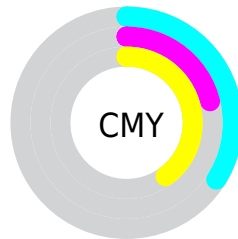
- Red (66%)
- Green (79%)
- Blue (60%)



- Red (60%)
- Yellow (79%)
- Blue (73%)



- Cyan (16%)
- Magenta (0%)
- Yellow (23%)
- Black (21%)



- Cyan (34%)
- Magenta (21%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 201, 186 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, 201, 186 by changing the saturation by 10% instead.

 154, 201, 186


255, 255, 255


 209, 255, 239

 237, 255, 239

 154, 201, 186


 128, 174, 160

 103, 147, 134

 78, 121, 108

 55, 96, 84

 33, 72, 61

 11, 50, 40

 0, 29, 29

 0, 0, 0

 154, 201, 186

 154, 201, 186

 134, 201, 180

 174, 201, 192

 114, 201, 173

 194, 201, 199

 94, 201, 167

 210, 201, 214

 74, 201, 161

 224, 201, 234

 53, 201, 153

 237, 201, 255

 33, 201, 147

 251, 201, 255

 13, 201, 141

 255, 201, 255

 0, 201, 137

Harmonies

Analogous

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



145, 198, 141



154, 201, 186



140, 181, 205

Triad

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



154, 201, 186



141, 177, 241



244, 173, 180

Complementary

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



154, 201, 186



186, 154, 201

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.



235, 175, 207



154, 201, 186



177, 188, 242

Square

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



154, 201, 186



118, 166, 227



211, 181, 229



240, 183, 157

Rectangle

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



154, 201, 186



124, 168, 206



211, 181, 229



243, 173, 189

Sweetspot

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



154, 201, 186



237, 255, 249



178, 201, 154



117, 128, 124



0, 0, 0



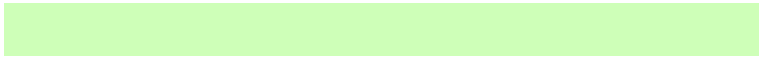
128, 128, 128

Same Dimension

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



154, 201, 186



184, 255, 233



154, 194, 201



90, 99, 96



0, 163, 111



0, 36, 25

Inverse Universe

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



186, 154, 201



232, 184, 255



201, 154, 193



96, 90, 99



111, 0, 163



24, 0, 36

Previews

White Background



This preview shows how the RYB color 154, 201, 186 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, 201, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

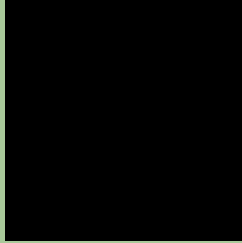
Any Text WCAG AA ✓ Pass

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, 201, 186 Background



This preview shows how black text looks on a background with the RYB color 154, 201, 186.



This preview shows how white text looks on a background with the RYB color 154, 201, 186.

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](#).

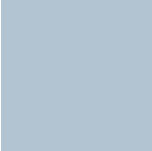
Dichromacy



Original Color
154, 201, 186

Protanopia
166, 204, 149

Deuteranopia
222, 202, 158



Tritanopia
178, 189, 209

Trichromacy



Original Color

154, 201, 186

Protanomaly

151, 195, 155

Deuteranomaly

175, 203, 157

Tritanomaly

175, 188, 197

Monochromacy



Original Color

154, 201, 186

Achromatopsia

186, 186, 186

Achromatomaly

174, 191, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 201, 186 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(169, 201, 154)` looks like.

```
.text, #text, p{  
    color:rgb(169, 201, 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(169, 201, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 201, 154) }
```

Border

The CSS property to change the border of an element to RYB 154, 201, 186 is called "border". The border property can be set on classes, ids or directly on the HTML element.

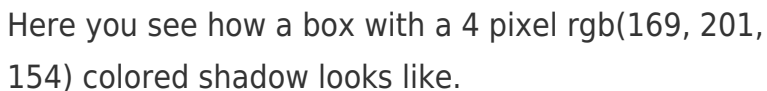
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 201, 154) }
```

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

```
.border{ border-color:rgb(169, 201, 154) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 201, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 201, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 201, 154); box-shadow:4px 4px 4px 4px rgb(169, 201, 154) }
```

Background

The CSS property to change the background color of an element to RYB 154, 201, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 201, 154) }
```

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

```
.background{ background-color: rgb(169,  
201, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor