

Converting Colors

`RYB(154, 180, 169)`

Have a look what the booklet for
RYB(154, 180, 169) contains.

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Color

R_YB(154, 180, 169)

Conversions

Conversions Part 1

Format	Color
Hex	A5B49A
RGB	165, 180, 154
RGB Percent	65%, 71%, 60%
CMY	0.3529, 0.2941, 0.3961
CMYK	0.08, 0.00, 0.14, 0.29
HSL	95°, 15%, 65%
HSV	95°, 14%, 71%
XYZ	37.6710, 42.9749, 36.8814
YIQ	172.5510, -0.5940, -11.2660

Conversions

Conversions Part 2

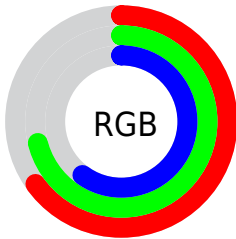
Format	Color
RYB	154, 180, 169
Decimal	10859674
CIELab	71.54, -10.04, 11.51
CIELCh	72, 15.276, 131.100
Yxy	42.9749, 0.3205, 0.3657
Android (android.graphics.Color)	4289049754 (0xFFA5B49A)
YUV	172.5510, -9.1456, -6.6222
Hunter-Lab	65.5553, -12.1475, 12.5322

Details

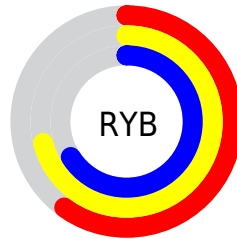
The RYB color **154, 180, 169** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **169, 154, 180**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **208, 236, 224**, and **103, 127, 117** is the 20% darker color. If you saturate the color by 10%, you get **136, 180, 161**, and if you desaturate by 10%, it is **172, 180, 177**.

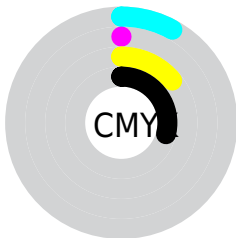
Distribution



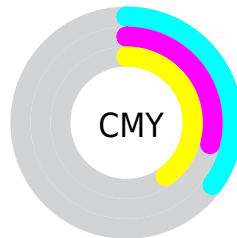
- Red (65%)
- Green (71%)
- Blue (60%)



- Red (60%)
- Yellow (71%)
- Blue (66%)



- Cyan (8%)
- Magenta (0%)
- Yellow (14%)
- Black (29%)




- Cyan (35%)
- Magenta (29%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 180, 169 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, 180, 169 by changing the saturation by 10% instead.

 154, 180, 169


255, 255, 255

 208, 236, 224


 237, 255, 243

 154, 180, 169

 128, 153, 142

 103, 127, 117

 79, 102, 93

 56, 78, 69


 34, 55, 46

 13, 34, 25

 0, 11, 11

 0, 0, 0

 154, 180, 169

 154, 180, 169

■ 136, 180, 161

■ 172, 180, 177

■ 118, 180, 154

■ 186, 180, 190

■ 100, 180, 146

■ 196, 180, 208

■ 82, 180, 139

■ 207, 180, 226

■ 64, 180, 131

■ 217, 180, 244

■ 46, 180, 123

■ 227, 180, 255

■ 28, 180, 116

■ 238, 180, 255

■ 10, 180, 108

■ 248, 180, 255

■ 0, 180, 104

■ 255, 180, 255

Harmonies

Analogous

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



154, 181, 148



154, 180, 169



150, 172, 183

Triad

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



154, 180, 169



150, 168, 201



205, 166, 170

Complementary

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



154, 180, 169



169, 154, 180

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.



198, 167, 185



154, 180, 169



167, 174, 202

Square

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



154, 180, 169



140, 163, 193



184, 170, 196



203, 170, 157

Rectangle

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



154, 180, 169



143, 165, 183



184, 170, 196



203, 166, 175

Sweetspot

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



154, 180, 169



225, 235, 231



173, 180, 154



111, 117, 114



245, 245, 245



117, 117, 117

Same Dimension

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



154, 180, 169



195, 235, 218



154, 178, 180



80, 89, 85



0, 153, 88



0, 26, 15

Inverse Universe

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



169, 154, 180



218, 195, 235



180, 154, 178



85, 80, 89



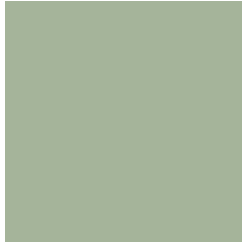
88, 0, 153



15, 0, 26

Previews

White Background



This preview shows how the RYB color 154, 180, 169 looks on a white background.

Color Contrast Check

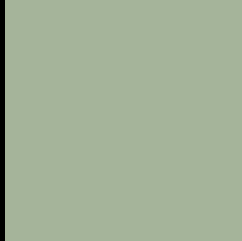
Large Text (above 18pt) WCAG AA × Fail

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, 180, 169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

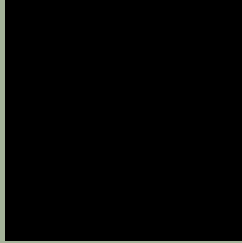
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

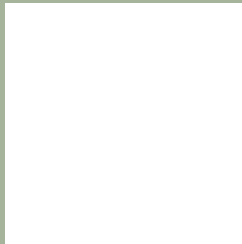
Any Text WCAG AAA ✓ Pass

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

RYB 154, 180, 169 Background



This preview shows how black text looks on a background with the RYB color 154, 180, 169.



This preview shows how white text looks on a background with the RYB color 154, 180, 169.

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, 180, 169

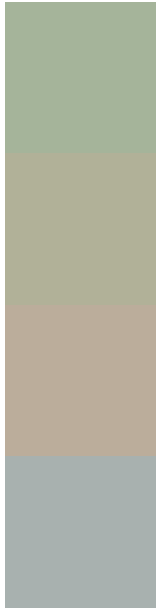
Protanopia
163, 184, 151

Deuteranopia
199, 175, 156



Tritanopia
170, 174, 189

Trichromacy



Original Color
154, 180, 169

Protanomaly
152, 177, 152

Deuteranomaly
180, 187, 155

Tritanomaly
168, 173, 177

Monochromacy



Original Color
154, 180, 169

Achromatopsia
173, 173, 173

Achromatomaly
166, 176, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 180, 169 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(165, 180, 154)` looks like.

```
.text, #text, p{  
    color:rgb(165, 180, 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(165, 180, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 180, 154) }
```

Border

The CSS property to change the border of an element to RYB 154, 180, 169 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(165, 180, 154) }
```

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

```
.border{ border-color:rgb(165, 180, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 180, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 180, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 180, 154); box-shadow:4px 4px 4px 4px rgb(165, 180, 154) }
```

Background

The CSS property to change the background color of an element to RYB 154, 180, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 180, 154) }
```

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

```
.background{ background-color: rgb(165,  
180, 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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