

Converting Colors

`RYB(154, 185, 172)`

Have a look what the booklet for
RYB(154, 185, 172) contains.

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Color

R_YB(154, 185, 172)

Conversions

Conversions Part 1

Format	Color
Hex	A7B99A
RGB	167, 185, 154
RGB Percent	65%, 73%, 60%
CMY	0.3451, 0.2745, 0.3961
CMYK	0.10, 0.00, 0.17, 0.27
HSL	95°, 18%, 66%
HSV	95°, 17%, 73%
XYZ	39.1180, 45.2465, 37.2436
YIQ	176.0840, -0.7770, -13.4570

Conversions

Conversions Part 2

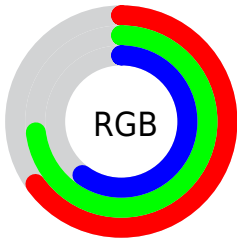
Format	Color
RYB	154, 185, 172
Decimal	10992026
CIELab	73.05, -11.93, 13.67
CIELCh	73, 18.146, 131.118
Yxy	45.2465, 0.3217, 0.3721
Android (android.graphics.Color)	4289182106 (0xFFA7B99A)
YUV	176.0840, -10.8874, -7.9667
Hunter-Lab	67.2655, -13.9086, 14.2582

Details

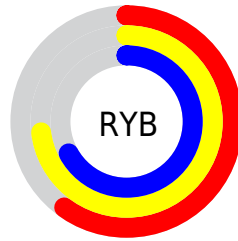
The RYB color **154, 185, 172** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **172, 154, 185**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **208, 241, 227**, and **103, 132, 120** is the 20% darker color. If you saturate the color by 10%, you get **136, 185, 165**, and if you desaturate by 10%, it is **173, 185, 180**.

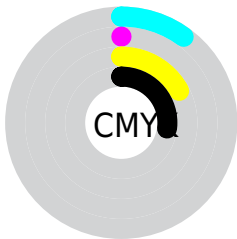
Distribution



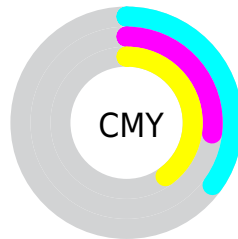
- Red (65%)
- Green (73%)
- Blue (60%)



- Red (60%)
- Yellow (73%)
- Blue (67%)



- Cyan (10%)
- Magenta (0%)
- Yellow (17%)
- Black (27%)




- Cyan (35%)
- Magenta (27%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 185, 172 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, 172 by changing the saturation by 10% instead.

 154, 185, 172

255, 255, 255

 208, 241, 227

 237, 255, 241

 154, 185, 172


 128, 158, 145


 103, 132, 120

 79, 107, 96

 56, 82, 72

 34, 59, 49

 13, 38, 28

 0, 18, 18


 0, 0, 0


 154, 185, 172


 154, 185, 172

 136, 185, 165

 173, 185, 180


 117, 185, 156


 188, 185, 191


 99, 185, 149


 199, 185, 210


 80, 185, 141


 210, 185, 228

 61, 185, 133

 221, 185, 246

 43, 185, 125

 231, 185, 255

 24, 185, 117

 242, 185, 255

 6, 185, 110

 253, 185, 255

 0, 185, 107

 255, 185, 255

Harmonies

Analogous

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



154, 186, 147



154, 185, 172



149, 175, 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, 172



148, 171, 210



214, 168, 174

Complementary

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



154, 185, 172



172, 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.



206, 169, 190



154, 185, 172



169, 177, 212

Square

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



154, 185, 172



136, 165, 201



190, 173, 204



212, 173, 158

Rectangle

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



154, 185, 172



140, 167, 189



190, 173, 204



212, 168, 179

Sweetspot

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



154, 185, 172



228, 240, 235



176, 185, 154



113, 120, 117



247, 247, 247



120, 120, 120

Same Dimension

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



154, 185, 172



192, 240, 220



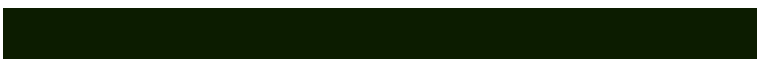
154, 183, 185



83, 92, 89



0, 156, 91



0, 28, 16

Inverse Universe

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



172, 154, 185



220, 192, 240



185, 154, 183



88, 83, 92



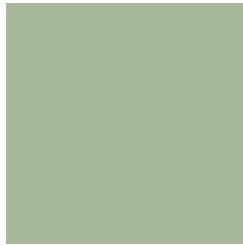
90, 0, 156



16, 0, 28

Previews

White Background



This preview shows how the RYB color 154, 185, 172 looks on a white background.

Color Contrast Check

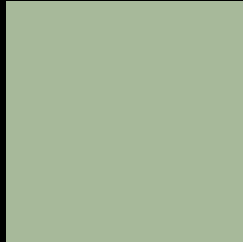
Large Text (above 18pt) WCAG AA × Fail

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, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

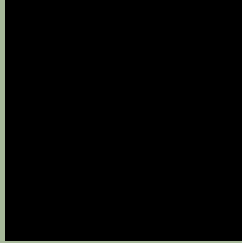
Any Text WCAG AA ✓ Pass

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 154, 185, 172 Background



This preview shows how black text looks on a background with the RYB color 154, 185, 172.

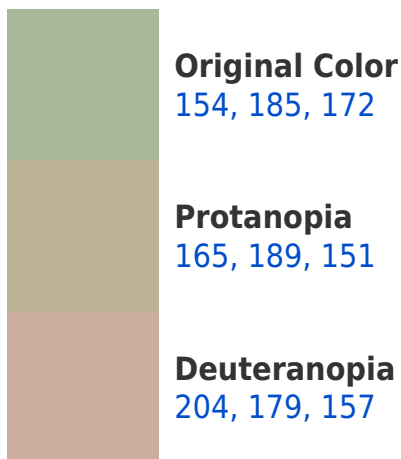


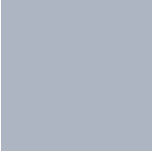
This preview shows how white text looks on a background with the RYB color 154, 185, 172.

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
173, 178, 194

Trichromacy



Original Color
154, 185, 172

Protanomaly
152, 181, 152

Deuteranomaly
179, 191, 156

Tritanomaly
171, 177, 181

Monochromacy



Original Color
154, 185, 172

Achromatopsia
176, 176, 176

Achromatomaly
168, 179, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 185, 172 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(167, 185, 154)` looks like.

```
.text, #text, p{  
    color:rgb(167, 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(167, 185, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 185, 154) }
```

Border

The CSS property to change the border of an element to RYB 154, 185, 172 is called "border". The border property can be set on classes, ids or directly on the HTML element.

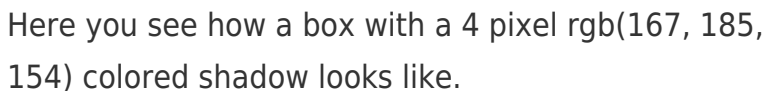
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 185, 154) }
```

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

```
.border{ border-color:rgb(167, 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(167, 185, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 185, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 185, 154);  
box-shadow:4px 4px 4px 4px rgb(167, 185,  
154) }
```

Background

The CSS property to change the background color of an element to RYB 154, 185, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 185, 154) }
```

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

```
.background{ background-color: rgb(167,  
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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