

Converting Colors

`RYB(154, 195, 171)`

Have a look what the booklet for
RYB(154, 195, 171) contains.

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Color

R_YB(154, 195, 171)

Conversions

Conversions Part 1

Format	Color
Hex	B2C39A
RGB	178, 195, 154
RGB Percent	70%, 76%, 60%
CMY	0.3020, 0.2353, 0.3961
CMYK	0.09, 0.00, 0.21, 0.24
HSL	85°, 25%, 68%
HSV	85°, 21%, 76%
XYZ	43.7079, 50.8283, 38.0790
YIQ	185.2430, 3.0290, -16.3550

Conversions

Conversions Part 2

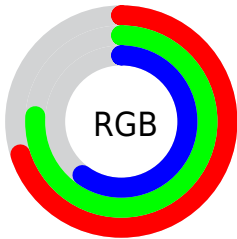
Format	Color
RYB	154, 195, 171
Decimal	11715482
CIELab	76.57, -13.10, 18.70
CIElCh	77, 22.833, 125.004
Yxy	50.8283, 0.3296, 0.3833
Android (android.graphics.Color)	4289905562 (0xFFB2C39A)
YUV	185.2430, -15.4028, -6.3521
Hunter-Lab	71.2940, -15.3321, 18.2382

Details

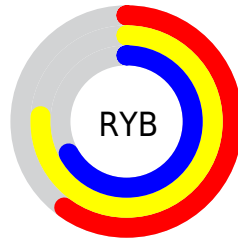
The RYB color **154, 195, 171** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **171, 154, 195**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **209, 252, 227**, and **103, 141, 119** is the 20% darker color. If you saturate the color by 10%, you get **134, 195, 159**, and if you desaturate by 10%, it is **173, 195, 182**.

Distribution



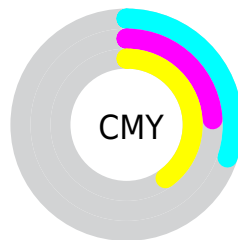
- Red (70%)
- Green (76%)
- Blue (60%)



- Red (60%)
- Yellow (76%)
- Blue (67%)



- Cyan (9%)
- Magenta (0%)
- Yellow (21%)
- Black (24%)



- Cyan (30%)
- Magenta (24%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 195, 171 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, 195, 171 by changing the saturation by 10% instead.

 154, 195, 171

255, 255, 255


 209, 252, 227

 237, 255, 237

 154, 195, 171

 128, 168, 145

 103, 141, 119

 79, 116, 95


 55, 91, 70


 33, 68, 49


 12, 45, 26

 0, 26, 23

 0, 0, 0

 154, 195, 171


 154, 195, 171


 134, 195, 159


 173, 195, 182


 115, 195, 148


 193, 195, 194


 96, 195, 137


 202, 195, 212

 76, 195, 125

 210, 195, 232

 57, 195, 114


 218, 195, 252

 37, 195, 103


 227, 195, 255

 18, 195, 92

 235, 195, 255

 0, 195, 81

 243, 195, 255

 251, 195, 255

Harmonies

Analogous

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



162, 201, 147



154, 195, 171



154, 187, 199

Triad

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



154, 195, 171



143, 175, 227



231, 174, 186

Complementary

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



154, 195, 171



171, 154, 195

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.



219, 176, 207



154, 195, 171



169, 185, 231

Square

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



154, 195, 171



130, 168, 212



197, 182, 223



231, 178, 166

Rectangle

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



154, 195, 171



141, 176, 201



197, 182, 223



229, 174, 193

Sweetspot

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



154, 195, 171



237, 252, 243



195, 180, 154



119, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

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



154, 195, 171



189, 252, 215



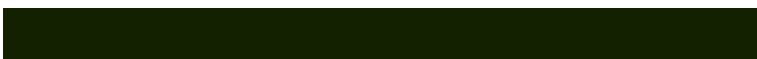
154, 195, 191



87, 97, 91



0, 161, 67



0, 33, 14

Inverse Universe

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



171, 154, 195



216, 189, 252



191, 154, 195



91, 87, 97



67, 0, 161



14, 0, 33

Previews

White Background



This preview shows how the RYB color 154, 195, 171 looks on a white background.

Color Contrast Check

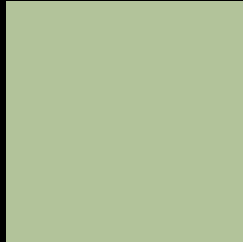
Large Text (above 18pt) WCAG AA × Fail

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, 195, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

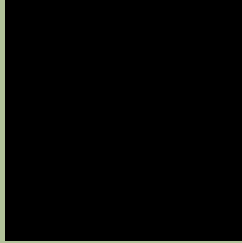
Any Text WCAG AA ✓ Pass

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, 195, 171 Background



This preview shows how black text looks on a background with the RYB color 154, 195, 171.



This preview shows how white text looks on a background with the RYB color 154, 195, 171.

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, 195, 171

Protanopia
167, 200, 151

Deuteranopia
218, 197, 157



Tritanopia
185, 188, 203

Trichromacy



Original Color

154, 195, 171

Protanomaly

153, 192, 152

Deuteranomaly

183, 203, 156

Tritanomaly

182, 189, 191

Monochromacy



Original Color

154, 195, 171

Achromatopsia

185, 185, 185

Achromatomaly

174, 189, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 154, 195, 171 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(178, 195, 154) looks like.

```
.text, #text, p{  
    color:rgb(178, 195, 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(178, 195, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 195, 154) }
```

Border

The CSS property to change the border of an element to RYB 154, 195, 171 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(178, 195, 154) }
```

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

```
.border{ border-color:rgb(178, 195, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 195, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 195, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 195, 154);  
box-shadow:4px 4px 4px 4px rgb(178, 195,  
154) }
```

Background

The CSS property to change the background color of an element to RYB 154, 195, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 195, 154) }
```

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

```
.background{ background-color: rgb(178,  
195, 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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