

Converting Colors

`RYB(154, 197, 173)`

Have a look what the booklet for
RYB(154, 197, 173) contains.

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Color

R_YB(154, 197, 173)

Conversions

Conversions Part 1

Format	Color
Hex	B2C59A
RGB	178, 197, 154
RGB Percent	70%, 77%, 60%
CMY	0.3020, 0.2275, 0.3961
CMYK	0.10, 0.00, 0.22, 0.23
HSL	87°, 27%, 69%
HSV	87°, 22%, 77%
XYZ	44.1591, 51.7306, 38.2294
YIQ	186.4170, 2.4790, -17.4010

Conversions

Conversions Part 2

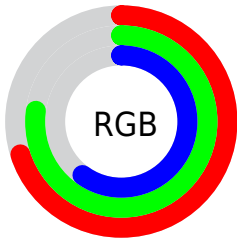
Format	Color
RYB	154, 197, 173
Decimal	11715994
CIELab	77.12, -14.12, 19.46
CIELCh	77, 24.041, 125.973
Yxy	51.7306, 0.3293, 0.3857
Android (android.graphics.Color)	4289906074 (0xFFB2C59A)
YUV	186.4170, -15.9816, -7.3817
Hunter-Lab	71.9240, -16.2735, 18.8326

Details

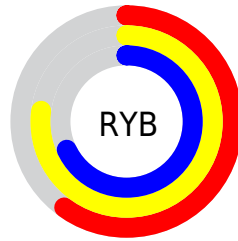
The RYB color **154, 197, 173** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **173, 154, 197**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **209, 254, 229**, and **103, 143, 121** is the 20% darker color. If you saturate the color by 10%, you get **134, 197, 162**, and if you desaturate by 10%, it is **174, 197, 184**.

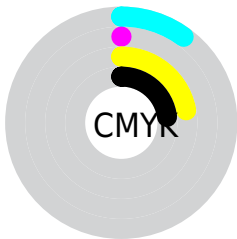
Distribution



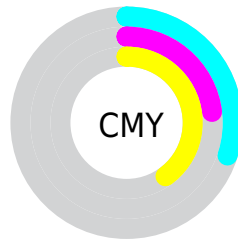
- Red (70%)
- Green (77%)
- Blue (60%)



- Red (60%)
- Yellow (77%)
- Blue (68%)



- Cyan (10%)
- Magenta (0%)
- Yellow (22%)
- Black (23%)




- Cyan (30%)
- Magenta (23%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 197, 173 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, 197, 173 by changing the saturation by 10% instead.

 154, 197, 173


255, 255, 255

 209, 254, 229

 237, 255, 237

 154, 197, 173

 128, 170, 147

 103, 143, 121

 78, 118, 96

 55, 93, 73


 33, 69, 50


 12, 47, 29

 0, 27, 24

 0, 0, 0


 154, 197, 173


 154, 197, 173

 134, 197, 162


 174, 197, 184

 115, 197, 151


 193, 197, 195


 95, 197, 140

 204, 197, 213


 75, 197, 129

 213, 197, 233

 56, 197, 119


 222, 197, 253

 36, 197, 107

 230, 197, 255

 16, 197, 96

 239, 197, 255

 0, 197, 87

 248, 197, 255

 255, 197, 255

Harmonies

Analogous

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



163, 203, 146



154, 197, 173



153, 187, 201

Triad

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



154, 197, 173



142, 176, 230



235, 174, 187

Complementary

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



154, 197, 173



173, 154, 197

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.



223, 177, 209



154, 197, 173



170, 186, 234

Square

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



154, 197, 173



128, 168, 216



200, 183, 226



235, 179, 165

Rectangle

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



154, 197, 173



139, 176, 203



200, 183, 226



233, 175, 194

Sweetspot

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



154, 197, 173



237, 255, 245



197, 188, 154



117, 128, 122



0, 0, 0



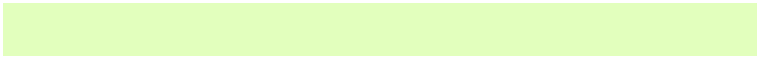
128, 128, 128

Same Dimension

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



154, 197, 173



189, 255, 218



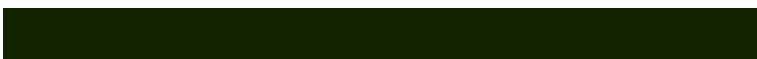
154, 197, 194



90, 99, 94



0, 163, 72



0, 36, 16

Inverse Universe

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



173, 154, 197



218, 189, 255



194, 154, 197



94, 90, 99



72, 0, 163



16, 0, 36

Previews

White Background



This preview shows how the RYB color 154, 197, 173 looks on a white background.

Color Contrast Check

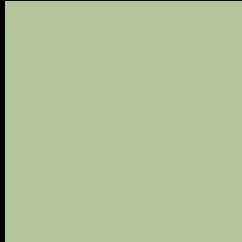
Large Text (above 18pt) WCAG AA × Fail

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, 197, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

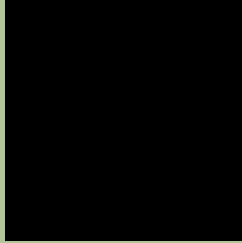
Any Text WCAG AA ✓ Pass

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, 197, 173 Background



This preview shows how black text looks on a background with the RYB color 154, 197, 173.



This preview shows how white text looks on a background with the RYB color 154, 197, 173.

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](#).

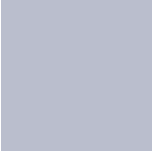
Dichromacy



Original Color
154, 197, 173

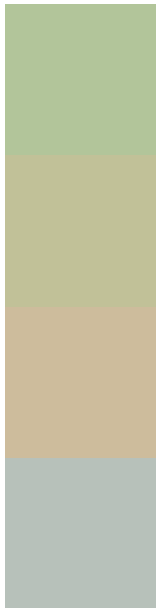
Protanopia
167, 202, 151

Deuteranopia
220, 201, 157



Tritanopia
186, 189, 205

Trichromacy



Original Color

154, 197, 173

Protanomaly

152, 193, 152

Deuteranomaly

182, 205, 156

Tritanomaly

183, 191, 193

Monochromacy



Original Color

154, 197, 173

Achromatopsia

186, 186, 186

Achromatomaly

174, 190, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 197, 173 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, 197, 154)` looks like.

```
.text, #text, p{  
    color:rgb(178, 197, 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, 197, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 197, 154) }
```

Border

The CSS property to change the border of an element to RYB 154, 197, 173 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, 197, 154) }
```

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

```
.border{ border-color:rgb(178, 197, 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, 197, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 197, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 197, 154);  
box-shadow:4px 4px 4px 4px rgb(178, 197,  
154) }
```

Background

The CSS property to change the background color of an element to RYB 154, 197, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 197, 154) }
```

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

```
.background{ background-color: rgb(178,  
197, 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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