

Converting Colors

`RYB(123, 195, 154)`

Have a look what the booklet for
RYB(123, 195, 154) contains.

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Color

`RYB(123, 195, 154)`

Conversions

Conversions Part 1

Format	Color
Hex	A4C37B
RGB	164, 195, 123
RGB Percent	64%, 76%, 48%
CMY	0.3569, 0.2353, 0.5176
CMYK	0.16, 0.00, 0.37, 0.24
HSL	86°, 37%, 62%
HSV	86°, 37%, 76%
XYZ	38.4001, 48.3528, 26.0480
YIQ	177.5230, 4.6360, -28.9640

Conversions

Conversions Part 2

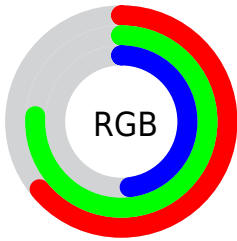
Format	Color
RYB	123, 195, 154
Decimal	10797947
CIELab	75.05, -22.81, 32.82
CIElCh	75, 39.971, 124.802
Yxy	48.3528, 0.3404, 0.4287
Android (android.graphics.Color)	4288988027 (0xFFA4C37B)
YUV	177.5230, -26.8798, -11.8597
Hunter-Lab	69.5362, -23.1149, 26.4655

Details

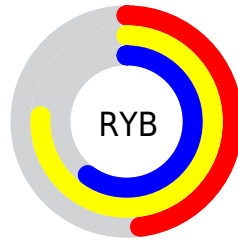
The RYB color **123, 195, 154** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **154, 123, 195**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **176, 252, 208**, and **73, 141, 103** is the 20% darker color. If you saturate the color by 10%, you get **104, 195, 143**, and if you desaturate by 10%, it is **143, 195, 166**.

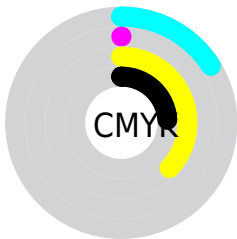
Distribution



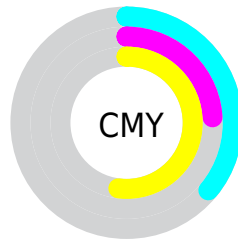
- Red (64%)
- Green (76%)
- Blue (48%)



- Red (48%)
- Yellow (76%)
- Blue (60%)



- Cyan (16%)
- Magenta (0%)
- Yellow (37%)
- Black (24%)



- Cyan (36%)
- Magenta (24%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 123, 195, 154 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 123, 195, 154 by changing the saturation by 10% instead.

 123, 195, 154


255, 255, 255


 176, 252, 208


 204, 255, 210

 232, 255, 232

 123, 195, 154

 98, 168, 129

 73, 141, 103

 49, 116, 79

 26, 91, 56

 1, 67, 31


 0, 45, 31

 0, 26, 26


 0, 0, 0

 123, 195, 154


 123, 195, 154


 104, 195, 143


 143, 195, 166


 84, 195, 132

 162, 195, 176


 65, 195, 121


 182, 195, 188

 45, 195, 110


 198, 195, 201


 25, 195, 98


 206, 195, 220


 6, 195, 87

 214, 195, 240

 0, 195, 84

 223, 195, 255

 231, 195, 255

 240, 195, 255

Harmonies

Analogous

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



135, 203, 111



123, 195, 154



119, 178, 202

Triad

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



123, 195, 154



76, 148, 251



255, 156, 180

Complementary

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



123, 195, 154



154, 123, 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.



236, 161, 217



123, 195, 154



141, 173, 255

Square

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



123, 195, 154



23, 118, 226



197, 173, 245



254, 164, 145

Rectangle

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



123, 195, 154



86, 153, 204



197, 173, 245



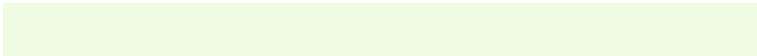
251, 157, 193

Sweetspot

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



123, 195, 154



225, 252, 237



195, 174, 123



111, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



123, 195, 154



141, 252, 188



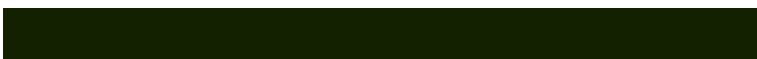
123, 195, 189



87, 97, 91



0, 161, 70



0, 33, 14

Inverse Universe

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



154, 123, 195



189, 141, 252



189, 123, 195



91, 87, 97



69, 0, 161



14, 0, 33

Previews

White Background



This preview shows how the RYB color 123, 195, 154 looks on a white background.

Color Contrast Check

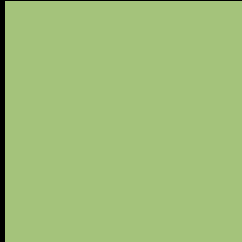
Large Text (above 18pt) WCAG AA × Fail

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 123, 195, 154 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 123, 195, 154 Background



This preview shows how black text looks on a background with the RYB color 123, 195, 154.

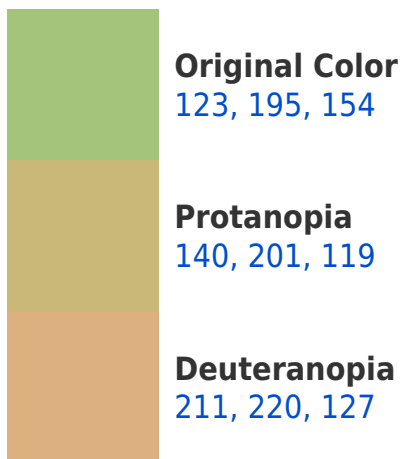


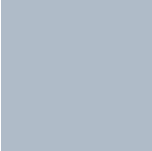
This preview shows how white text looks on a background with the RYB color 123, 195, 154.

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
175, 183, 200

Trichromacy



Original Color
123, 195, 154

Protanomaly
120, 188, 120

Deuteranomaly
148, 200, 126

Tritanomaly
171, 188, 189

Monochromacy



Original Color
123, 195, 154

Achromatopsia
178, 178, 178

Achromatomaly
158, 184, 169

CSS Examples

Text

The CSS property to change the color of the text to RGB 123, 195, 154 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(164, 195, 123) looks like.

```
.text, #text, p{  
    color:rgb(164, 195, 123)  
}
```

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(164, 195, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 195, 123) }
```

Border

The CSS property to change the border of an element to RYB 123, 195, 154 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(164, 195, 123) }
```

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

```
.border{ border-color:rgb(164, 195, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 195, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 195, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 195, 123);  
box-shadow:4px 4px 4px 4px rgb(164, 195,  
123) }
```

Background

The CSS property to change the background color of an element to RYB 123, 195, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 195, 123) }
```

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

```
.background{ background-color: rgb(164,  
195, 123) }
```

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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