

Converting Colors

`RYB(123, 194, 171)`

Have a look what the booklet for
RYB(123, 194, 171) contains.

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Color

R_YB(123, 194, 171)

Conversions

Conversions Part 1

Format	Color
Hex	92C27B
RGB	146, 194, 123
RGB Percent	57%, 76%, 48%
CMY	0.4275, 0.2392, 0.5176
CMYK	0.25, 0.00, 0.37, 0.24
HSL	101°, 37%, 62%
HSV	101°, 37%, 76%
XYZ	34.7210, 46.1246, 25.8118
YIQ	171.5540, -5.8170, -32.2570

Conversions

Conversions Part 2

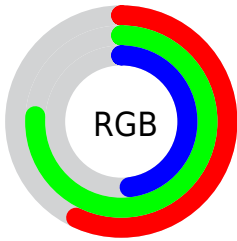
Format	Color
RYB	123, 194, 171
Decimal	9618043
CIELab	73.63, -28.89, 30.75
CIELCh	74, 42.193, 133.218
Yxy	46.1246, 0.3255, 0.4325
Android (android.graphics.Color)	4287808123 (0xFF92C27B)
YUV	171.5540, -23.9371, -22.4109
Hunter-Lab	67.9151, -27.5949, 25.0068

Details

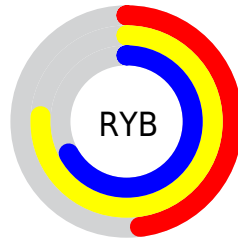
The RYB color **123, 194, 171** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **171, 123, 194**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **176, 251, 226**, and **73, 140, 119** is the 20% darker color. If you saturate the color by 10%, you get **104, 194, 165**, and if you desaturate by 10%, it is **142, 194, 177**.

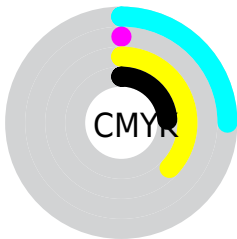
Distribution



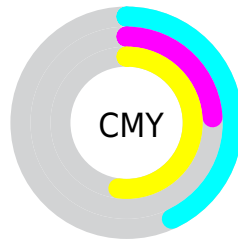
- Red (57%)
- Green (76%)
- Blue (48%)



- Red (48%)
- Yellow (76%)
- Blue (67%)



- Cyan (25%)
- Magenta (0%)
- Yellow (37%)
- Black (24%)



- Cyan (43%)
- Magenta (24%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 123, 194, 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 123, 194, 171 by changing the saturation by 10% instead.

 123, 194, 171


255, 255, 255


 176, 251, 226

 204, 255, 229

 232, 255, 232

 123, 194, 171

 98, 167, 146

 73, 140, 119

 49, 114, 95

 26, 90, 73

 2, 66, 51


 0, 43, 43


 0, 21, 21


 0, 0, 0

 123, 194, 171


 123, 194, 171


 104, 194, 165


 142, 194, 177


 84, 194, 158


 162, 194, 184


 65, 194, 152

 181, 194, 190

 45, 194, 145

 198, 194, 201

 26, 194, 140


 212, 194, 220

 7, 194, 134

 225, 194, 239

 0, 194, 131

 238, 194, 255

 251, 194, 255

 255, 194, 255

Harmonies

Analogous

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



109, 189, 104



123, 194, 171



95, 161, 200

Triad

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



123, 194, 171



79, 147, 254



255, 150, 165

Complementary

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



123, 194, 171



171, 123, 194

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.



242, 153, 204



123, 194, 171



152, 173, 255

Square

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



123, 194, 171



0, 107, 233



207, 165, 238



249, 167, 130

Rectangle

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



123, 194, 171



51, 131, 201



207, 165, 238



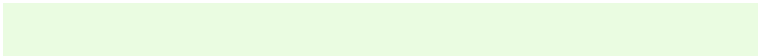
254, 150, 178

Sweetspot

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



123, 194, 171



225, 252, 243



159, 194, 123



111, 128, 123



0, 0, 0



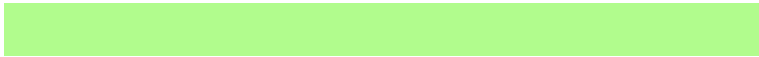
128, 128, 128

Same Dimension

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



123, 194, 171



141, 252, 216



123, 184, 194



87, 97, 94



0, 161, 109



0, 33, 22

Inverse Universe

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



171, 123, 194



216, 141, 252



194, 123, 182



94, 87, 97



109, 0, 161



22, 0, 33

Previews

White Background



This preview shows how the RYB color 123, 194, 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 123, 194, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

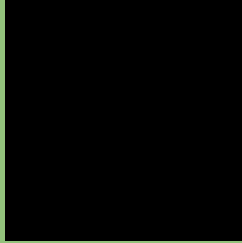
Any Text WCAG AA ✓ Pass

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 123, 194, 171 Background



This preview shows how black text looks on a background with the RYB color 123, 194, 171.

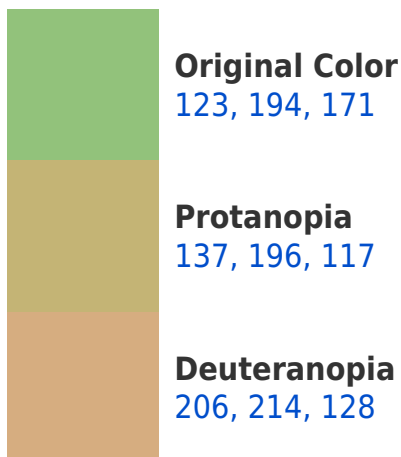


This preview shows how white text looks on a background with the RYB color 123, 194, 171.

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





Tritanopia
158, 174, 199

Trichromacy



Original Color
123, 194, 171

Protanomaly
119, 185, 126

Deuteranomaly
135, 189, 126

Tritanomaly
154, 177, 188

Monochromacy



Original Color
123, 194, 171

Achromatopsia
172, 172, 172

Achromatomaly
154, 180, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 123, 194, 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(146, 194, 123)` looks like.

```
.text, #text, p{  
    color:rgb(146, 194, 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(146, 194, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 194, 123) }
```

Border

The CSS property to change the border of an element to RYB 123, 194, 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(146, 194, 123) }
```

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

```
.border{ border-color:rgb(146, 194, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 194, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 194, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 194, 123); box-shadow:4px 4px 4px 4px rgb(146, 194, 123) }
```

Background

The CSS property to change the background color of an element to RYB 123, 194, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 194, 123) }
```

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

```
.background{ background-color: rgb(146,  
194, 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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