

Converting Colors

`RYB(120, 194, 171)`

Have a look what the booklet for
RYB(120, 194, 171) contains.

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Color

$\text{RYB}(120, 194, 171)$

Conversions

Conversions Part 1

Format	Color
Hex	8FC278
RGB	143, 194, 120
RGB Percent	56%, 76%, 47%
CMY	0.4392, 0.2392, 0.5294
CMYK	0.26, 0.00, 0.38, 0.24
HSL	101°, 38%, 62%
HSV	101°, 38%, 76%
XYZ	34.0096, 45.7793, 24.8131
YIQ	170.3150, -6.6420, -33.8260

Conversions

Conversions Part 2

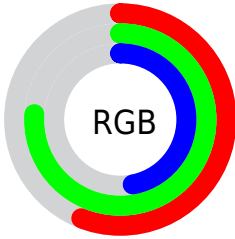
Format	Color
RYB	120, 194, 171
Decimal	9421432
CIELab	73.40, -30.38, 31.98
CIELCh	73, 44.112, 133.535
Yxy	45.7793, 0.3251, 0.4377
Android (android.graphics.Color)	4287611512 (0xFF8FC278)
YUV	170.3150, -24.8053, -23.9553
Hunter-Lab	67.6604, -28.6823, 25.6189

Details

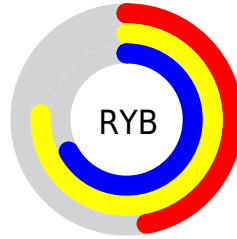
The RYB color **120, 194, 171** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **171, 120, 194**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **173, 251, 226**, and **70, 140, 120** is the 20% darker color. If you saturate the color by 10%, you get **101, 194, 165**, and if you desaturate by 10%, it is **139, 194, 177**.

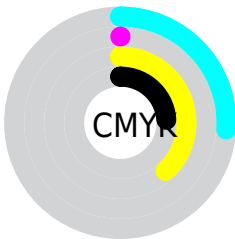
Distribution



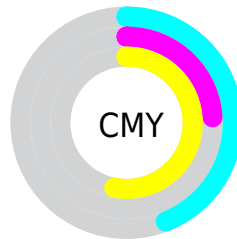
- Red (56%)
- Green (76%)
- Blue (47%)



- Red (47%)
- Yellow (76%)
- Blue (67%)



- Cyan (26%)
- Magenta (0%)
- Yellow (38%)
- Black (24%)




- Cyan (44%)
- Magenta (24%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 120, 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 120, 194, 171 by changing the saturation by 10% instead.


 120, 194, 171


255, 255, 255


 173, 251, 226


 201, 255, 229

 229, 255, 229

 120, 194, 171

 95, 167, 146

 70, 140, 120

 46, 114, 95


 23, 89, 72


 0, 66, 54


 0, 43, 43

 0, 20, 20


 0, 0, 0

 120, 194, 171


 120, 194, 171

 101, 194, 165


 139, 194, 177

 81, 194, 159


 159, 194, 183


 62, 194, 153

 178, 194, 189

 42, 194, 146

 196, 194, 198

 23, 194, 141


 210, 194, 217

 4, 194, 135

 223, 194, 236

 0, 194, 134

 237, 194, 255

 250, 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.



104, 188, 100



120, 194, 171



88, 158, 200

Triad

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



120, 194, 171



69, 143, 255



255, 148, 163

Complementary

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



120, 194, 171



171, 120, 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.



245, 151, 204



120, 194, 171



150, 172, 255

Square

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



120, 194, 171



0, 108, 235



208, 163, 239



250, 166, 126

Rectangle

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



120, 194, 171



32, 122, 202



208, 163, 239



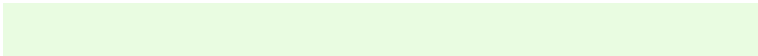
255, 148, 177

Sweetspot

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



120, 194, 171



225, 252, 244



153, 194, 120



111, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

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



120, 194, 171



136, 252, 216



120, 182, 194



87, 97, 94



0, 161, 111



0, 33, 23

Inverse Universe

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



171, 120, 194



216, 136, 252



194, 120, 180



94, 87, 97



111, 0, 161



23, 0, 33

Previews

White Background



This preview shows how the RYB color 120, 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 120, 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 120, 194, 171 Background



This preview shows how black text looks on a background with the RYB color 120, 194, 171.

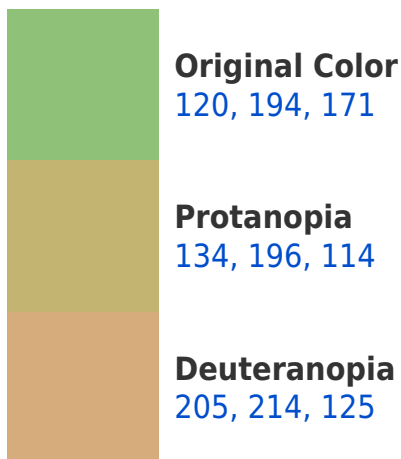


This preview shows how white text looks on a background with the RYB color 120, 194, 171.

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
156, 173, 199

Trichromacy



Original Color
120, 194, 171

Protanomaly
116, 185, 124

Deuteranomaly
132, 188, 123

Tritanomaly
151, 175, 188

Monochromacy



Original Color
120, 194, 171

Achromatopsia
170, 170, 170

Achromatomaly
152, 179, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 120, 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(143, 194, 120)` looks like.

```
.text, #text, p{  
    color:rgb(143, 194, 120)  
}
```

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(143, 194, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 194, 120) }
```

Border

The CSS property to change the border of an element to RYB 120, 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(143, 194, 120) }
```

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

```
.border{ border-color:rgb(143, 194, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 194, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 194, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 194, 120);  
box-shadow:4px 4px 4px 4px rgb(143, 194,  
120) }
```

Background

The CSS property to change the background color of an element to RYB 120, 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(143, 194, 120) }
```

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

```
.background{ background-color: rgb(143,  
194, 120) }
```

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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