

Converting Colors

`RYB(120, 169, 138)`

Have a look what the booklet for
RYB(120, 169, 138) contains.

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Color

R_YB(120, 169, 138)

Conversions

Conversions Part 1

Format	Color
Hex	97A978
RGB	151, 169, 120
RGB Percent	59%, 66%, 47%
CMY	0.4078, 0.3373, 0.5294
CMYK	0.11, 0.00, 0.29, 0.34
HSL	82°, 22%, 57%
HSV	82°, 29%, 66%
XYZ	30.3406, 36.3113, 23.1790
YIQ	158.0320, 5.0010, -19.0550

Conversions

Conversions Part 2

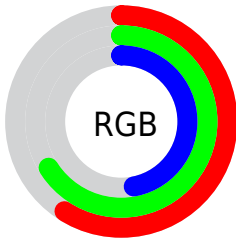
Format	Color
RYB	120, 169, 138
Decimal	9939320
CIELab	66.76, -15.00, 23.27
CIELCh	67, 27.679, 122.804
Yxy	36.3113, 0.3378, 0.4042
Android (android.graphics.Color)	4288129400 (0xFF97A978)
YUV	158.0320, -18.7498, -6.1671
Hunter-Lab	60.2589, -15.5774, 19.3749

Details

The RYB color **120, 169, 138** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **138, 120, 169**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **173, 224, 191**, and **71, 117, 89** is the 20% darker color. If you saturate the color by 10%, you get **103, 169, 127**, and if you desaturate by 10%, it is **137, 169, 149**.

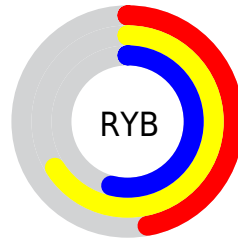
Distribution



Red (59%)

Green (66%)

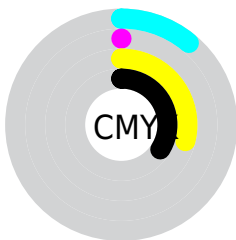
Blue (47%)



Red (47%)

Yellow (66%)

Blue (54%)

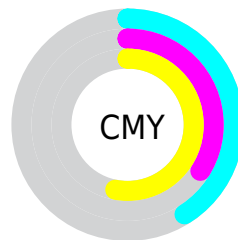


Cyan (11%)

Magenta (0%)

Yellow (29%)

Black (34%)



Cyan (41%)


Magenta (34%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 120, 169, 138 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, 169, 138 by changing the saturation by 10% instead.


 120, 169, 138


255, 255, 255


 173, 224, 191

 200, 253, 219

 228, 255, 228

 120, 169, 138

 95, 143, 113

 71, 117, 89

 48, 92, 65

 26, 69, 43


 1, 46, 17


 0, 27, 27

 0, 0, 0

 120, 169, 138

 103, 169, 127

 120, 169, 138

 137, 169, 149

■ 86, 169, 116

■ 154, 169, 160

■ 69, 169, 106

■ 170, 169, 171

■ 52, 169, 95

■ 176, 169, 188

■ 35, 169, 84

■ 182, 169, 204

■ 19, 169, 74

■ 188, 169, 221

■ 2, 169, 63

■ 194, 169, 238

■ 0, 169, 62

■ 201, 169, 255

■ 207, 169, 255

Harmonies

Analogous

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



134, 178, 113



120, 169, 138



122, 161, 174

Triad

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



120, 169, 138



100, 143, 206



211, 144, 161

Complementary

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



120, 169, 138



138, 120, 169

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.



196, 147, 186



120, 169, 138



134, 156, 212

Square

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



120, 169, 138



84, 133, 188



169, 155, 204



211, 147, 137

Rectangle

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



120, 169, 138



104, 146, 176



169, 155, 204



207, 145, 169

Sweetspot

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



120, 169, 138



200, 219, 207



169, 148, 120



98, 110, 103



237, 237, 237



110, 110, 110

Same Dimension

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



120, 169, 138



143, 219, 171



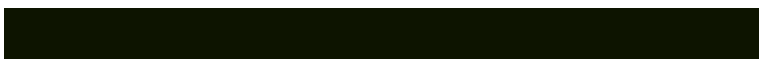
120, 169, 162



76, 84, 79



0, 148, 54



0, 20, 7

Inverse Universe

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



138, 120, 169



171, 143, 219



162, 120, 169



79, 76, 84



54, 0, 148



7, 0, 20

Previews

White Background



This preview shows how the RYB color 120, 169, 138 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, 169, 138 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, 169, 138 Background



This preview shows how black text looks on a background with the RYB color 120, 169, 138.



This preview shows how white text looks on a background with the RYB color 120, 169, 138.

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](#).

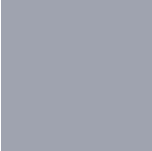
Dichromacy



Original Color
120, 169, 138

Protanopia
132, 174, 117

Deuteranopia
191, 183, 123



Tritanopia
159, 162, 175

Trichromacy



Original Color
120, 169, 138

Protanomaly
119, 166, 118

Deuteranomaly
145, 176, 122

Tritanomaly
155, 165, 164

Monochromacy



Original Color
120, 169, 138

Achromatopsia
158, 158, 158

Achromatomaly
144, 162, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 120, 169, 138 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(151, 169, 120)` looks like.

```
.text, #text, p{  
    color:rgb(151, 169, 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(151, 169, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 169, 120) }
```

Border

The CSS property to change the border of an element to RYB 120, 169, 138 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(151, 169, 120) }
```

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

```
.border{ border-color:rgb(151, 169, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 169, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 169, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 169, 120);  
box-shadow:4px 4px 4px 4px rgb(151, 169,  
120) }
```

Background

The CSS property to change the background color of an element to RYB 120, 169, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 169, 120) }
```

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

```
.background{ background-color: rgb(151,  
169, 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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