

Converting Colors

`RYB(119, 171, 151)`

Have a look what the booklet for
RYB(119, 171, 151) contains.

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Color

R_YB(119, 171, 151)

Conversions

Conversions Part 1

Format	Color
Hex	8BAB77
RGB	139, 171, 119
RGB Percent	55%, 67%, 47%
CMY	0.4549, 0.3294, 0.5333
CMYK	0.19, 0.00, 0.30, 0.33
HSL	97°, 24%, 57%
HSV	97°, 30%, 67%
XYZ	28.5401, 35.9467, 22.8869
YIQ	155.5040, -2.3800, -22.9560

Conversions

Conversions Part 2

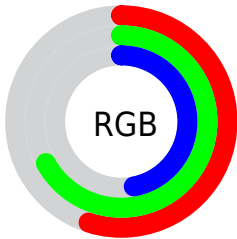
Format	Color
RYB	119, 171, 151
Decimal	9153399
CIELab	66.48, -20.70, 23.29
CIElCh	66, 31.156, 131.624
Yxy	35.9467, 0.3266, 0.4114
Android (android.graphics.Color)	4287343479 (0xFF8BAB77)
YUV	155.5040, -17.9965, -14.4740
Hunter-Lab	59.9556, -19.9524, 19.3360

Details

The RYB color **119, 171, 151** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **151, 119, 171**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **172, 226, 205**, and **70, 119, 101** is the 20% darker color. If you saturate the color by 10%, you get **102, 171, 145**, and if you desaturate by 10%, it is **136, 171, 157**.

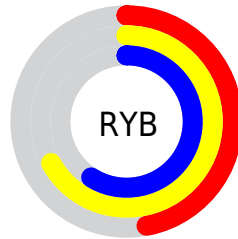
Distribution



Red (55%)

Green (67%)

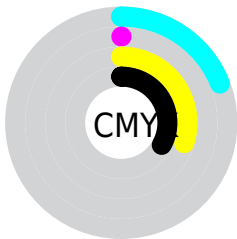
Blue (47%)



Red (47%)

Yellow (67%)

Blue (59%)

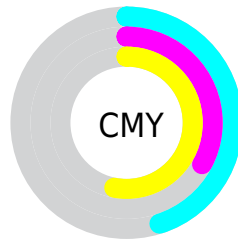


Cyan (19%)

Magenta (0%)

Yellow (30%)

Black (33%)



Cyan (45%)

Magenta (33%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 119, 171, 151 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 119, 171, 151 by changing the saturation by 10% instead.

 119, 171, 151


255, 255, 255


 172, 226, 205

 199, 255, 233

 227, 255, 232

 119, 171, 151

 94, 144, 125

 70, 119, 101

 47, 94, 77

 25, 70, 55

 0, 47, 28


 0, 28, 28


 0, 0, 0

 119, 171, 151


 102, 171, 145


 119, 171, 151


 136, 171, 157


 85, 171, 138


 153, 171, 164

 68, 171, 132


 170, 171, 170

 51, 171, 125

 181, 171, 187

 33, 171, 118

 192, 171, 204

 16, 171, 111

 202, 171, 222

 0, 171, 105

 213, 171, 239

 223, 171, 255

 234, 171, 255

Harmonies

Analogous

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



114, 170, 106



119, 171, 151



106, 152, 176

Triad

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



119, 171, 151



98, 142, 214



217, 141, 152

Complementary

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



119, 171, 151



151, 119, 171

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.



206, 143, 180



119, 171, 151



141, 157, 216

Square

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



119, 171, 151



68, 127, 198



179, 151, 204



213, 150, 126

Rectangle

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



119, 171, 151



84, 135, 177



179, 151, 204



215, 141, 161

Sweetspot

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



119, 171, 151



202, 222, 214



154, 171, 119



100, 112, 107



240, 240, 240



112, 112, 112

Same Dimension

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



119, 171, 151



142, 222, 191



119, 166, 171



78, 87, 84



0, 150, 92



0, 23, 14

Inverse Universe

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



151, 119, 171



191, 142, 222



171, 119, 166



83, 78, 87



93, 0, 150



14, 0, 23

Previews

White Background



This preview shows how the RYB color 119, 171, 151 looks on a white background.

Color Contrast Check

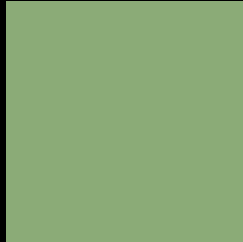
Large Text (above 18pt) WCAG AA × Fail

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 119, 171, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

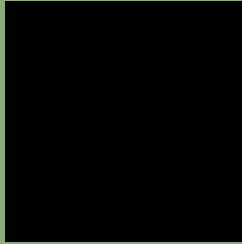
Any Text WCAG AA ✓ Pass

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 119, 171, 151 Background



This preview shows how black text looks on a background with the RYB color 119, 171, 151.



This preview shows how white text looks on a background with the RYB color 119, 171, 151.

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
119, 171, 151

Protanopia
132, 174, 115

Deuteranopia
190, 184, 123



Tritanopia
148, 158, 177

Trichromacy



Original Color
119, 171, 151

Protanomaly
116, 165, 120

Deuteranomaly
135, 171, 122

Tritanomaly
145, 160, 167

Monochromacy



Original Color
119, 171, 151

Achromatopsia
156, 156, 156

Achromatomaly
143, 161, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 119, 171, 151 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(139, 171, 119)` looks like.

```
.text, #text, p{  
    color:rgb(139, 171, 119)  
}
```

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(139, 171, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 171, 119) }
```

Border

The CSS property to change the border of an element to RYB 119, 171, 151 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(139, 171, 119) }
```

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

```
.border{ border-color:rgb(139, 171, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 171, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 171, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 171, 119);  
box-shadow:4px 4px 4px 4px rgb(139, 171,  
119) }
```

Background

The CSS property to change the background color of an element to RYB 119, 171, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 171, 119) }
```

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

```
.background{ background-color: rgb(139,  
171, 119) }
```

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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