

Converting Colors

`RYB(127, 187, 119)`

Have a look what the booklet for
RYB(127, 187, 119) contains.

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Color

R_YB(127, 187, 119)

Conversions

Conversions Part 1

Format	Color
Hex	BBB477
RGB	187, 180, 119
RGB Percent	73%, 71%, 47%
CMY	0.2667, 0.2947, 0.5333
CMYK	0.00, 0.04, 0.36, 0.27
HSL	54°, 33%, 60%
HSV	54°, 36%, 73%
XYZ	40.1127, 44.4755, 23.9232
YIQ	175.1390, 23.7530, -17.4870

Conversions

Conversions Part 2

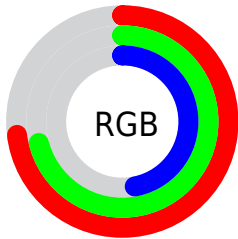
Format	Color
RYB	127, 187, 119
Decimal	12301431
CIELab	72.55, -6.61, 31.98
CIELCh	73, 32.657, 101.686
Yxy	44.4755, 0.3697, 0.4099
Android (android.graphics.Color)	4290491511 (0xFFBBB477)
YUV	175.1390, -27.6765, 10.4021
Hunter-Lab	66.6900, -9.3432, 25.4143

Details

The RYB color **127, 187, 119** is a light color, and the websafe version is hex **C9C999**, and the color name is **misty moss**. A complement of this color would be **119, 125, 187**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **181, 244, 172**, and **76, 133, 69** is the 20% darker color. If you saturate the color by 10%, you get **110, 187, 100**, and if you desaturate by 10%, it is **144, 187, 138**.

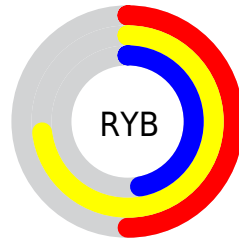
Distribution



Red (73%)

Green (71%)

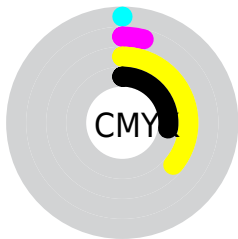
Blue (47%)



Red (50%)

Yellow (73%)

Blue (47%)

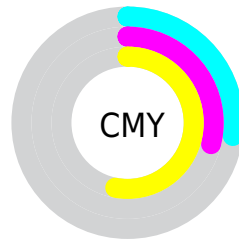


Cyan (0%)

Magenta (4%)

Yellow (36%)

Black (27%)



Cyan (27%)


Magenta (29%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 127, 187, 119 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 127, 187, 119 by changing the saturation by 10% instead.

 127, 187, 119


255, 255, 255

 181, 244, 172


 199, 255, 199

 228, 255, 228


 127, 187, 119

 101, 159, 94


 76, 133, 69

 51, 107, 46


 26, 81, 23


 1, 57, 0

 0, 34, 0

 0, 14, 14

 0, 0, 0

 127, 187, 119

 127, 187, 119

■ 110, 187, 100

■ 144, 187, 138

■ 94, 187, 82

■ 159, 187, 156

■ 78, 187, 63

■ 176, 187, 175

■ 61, 187, 44

■ 187, 188, 194

■ 44, 187, 25

■ 187, 190, 213

■ 28, 187, 7

■ 187, 191, 231

■ 22, 187, 0

■ 187, 193, 250

■ 187, 195, 255

■ 187, 196, 255

Harmonies

Analogous

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



209, 215, 122



127, 187, 119



133, 188, 167

Triad

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



127, 187, 119



80, 142, 217



225, 158, 197

Complementary

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



127, 187, 119



119, 125, 187

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.



197, 166, 223



127, 187, 119



111, 158, 234

Square

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



127, 187, 119



87, 142, 194



156, 173, 236



237, 156, 167

Rectangle

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



127, 187, 119



130, 177, 192



156, 173, 236



217, 160, 207

Sweetspot

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



127, 187, 119



219, 242, 216



187, 119, 127



107, 122, 106



250, 250, 250



122, 122, 122

Same Dimension

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



127, 187, 119



148, 242, 136



119, 187, 145



86, 94, 85



19, 158, 0



5, 31, 0

Inverse Universe

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



119, 125, 187



136, 146, 242



145, 119, 187



85, 86, 94



0, 15, 158



0, 3, 31

Previews

White Background



This preview shows how the RYB color 127, 187, 119 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 127, 187, 119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

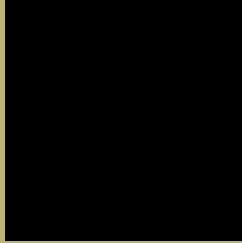
Any Text WCAG AA ✓ Pass

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 127, 187, 119 Background



This preview shows how black text looks on a background with the RYB color 127, 187, 119.



This preview shows how white text looks on a background with the RYB color 127, 187, 119.

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
127, 187, 119

Protanopia
137, 193, 118

Deuteranopia
202, 213, 121



Tritanopia
195, 172, 185

Trichromacy



Original Color

127, 187, 119

Protanomaly

132, 191, 118

Deuteranomaly

167, 204, 120

Tritanomaly

192, 187, 161

Monochromacy



Original Color

127, 187, 119

Achromatopsia

175, 175, 175

Achromatomaly

157, 179, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 127, 187, 119 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(127, 187, 119)` looks like.

```
.text, #text, p{  
    color:rgb(127, 187, 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(187, 180, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 180, 119) }
```

Border

The CSS property to change the border of an element to RYB 127, 187, 119 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(187, 180, 119) }
```

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

```
.border{ border-color:rgb(187, 180, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 180, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 180, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 180, 119);  
box-shadow:4px 4px 4px 4px rgb(187, 180,  
119) }
```

Background

The CSS property to change the background color of an element to RGB 127, 187, 119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 187, 119) }
```

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

```
.background{ background-color: rgb(127,  
187, 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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