

Converting Colors

`RYB(109, 171, 118)`

Have a look what the booklet for
RYB(109, 171, 118) contains.

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Color

R_YB(109, 171, 118)

Conversions

Conversions Part 1

Format	Color
Hex	A2AB6D
RGB	162, 171, 109
RGB Percent	64%, 67%, 43%
CMY	0.3647, 0.3294, 0.5725
CMYK	0.05, 0.00, 0.36, 0.33
HSL	69°, 27%, 55%
HSV	69°, 36%, 67%
XYZ	32.2235, 37.9113, 20.0873
YIQ	161.2410, 14.5380, -21.1900

Conversions

Conversions Part 2

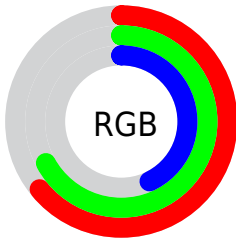
Format	Color
RYB	109, 171, 118
Decimal	10660717
CIELab	67.96, -13.23, 30.90
CIELCh	68, 33.610, 113.185
Yxy	37.9113, 0.3572, 0.4202
Android (android.graphics.Color)	4288850797 (0xFFA2AB6D)
YUV	161.2410, -25.7548, 0.6656
Hunter-Lab	61.5722, -14.3341, 23.7578

Details

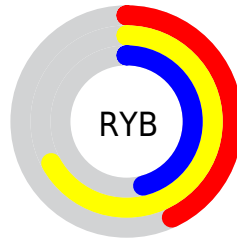
The RYB color **109, 171, 118** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **118, 109, 171**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **161, 226, 169**, and **60, 119, 70** is the 20% darker color. If you saturate the color by 10%, you get **92, 171, 103**, and if you desaturate by 10%, it is **126, 171, 133**.

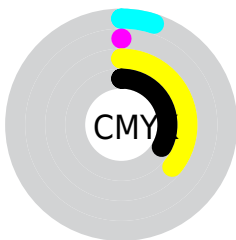
Distribution



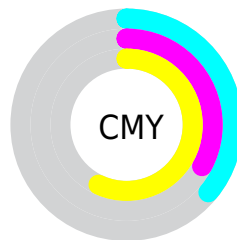
- Red (64%)
- Green (67%)
- Blue (43%)



- Red (43%)
- Yellow (67%)
- Blue (46%)



- Cyan (5%)
- Magenta (0%)
- Yellow (36%)
- Black (33%)




- Cyan (36%)
- Magenta (33%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 109, 171, 118 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 109, 171, 118 by changing the saturation by 10% instead.

 109, 171, 118


255, 255, 255


 161, 226, 169


 189, 255, 198

 216, 255, 216

 245, 255, 245

 109, 171, 118

 84, 145, 94

 60, 119, 70

 37, 94, 47


 14, 71, 25

 0, 48, 10


 0, 28, 18

 0, 0, 0

 109, 171, 118

 92, 171, 103

 109, 171, 118

 126, 171, 133

■ 75, 171, 89

■ 143, 171, 147

■ 58, 171, 74

■ 160, 171, 162

■ 41, 171, 60

■ 172, 171, 177

■ 23, 171, 44

■ 174, 171, 194

■ 6, 171, 30

■ 177, 171, 212

■ 0, 171, 25

■ 179, 171, 229

■ 182, 171, 246

■ 184, 171, 255

Harmonies

Analogous

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



155, 193, 105



109, 171, 118



127, 177, 178

Triad

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



109, 171, 118



68, 131, 213



220, 143, 174

Complementary

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



109, 171, 118



118, 109, 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.



197, 150, 202



109, 171, 118



112, 151, 225

Square

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



109, 171, 118



59, 122, 188



160, 160, 221



225, 144, 143

Rectangle

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



109, 171, 118



102, 152, 181



160, 160, 221



214, 145, 184

Sweetspot

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



109, 171, 118



197, 222, 201



171, 118, 109



98, 112, 100



240, 240, 240



112, 112, 112

Same Dimension

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



109, 171, 118



124, 222, 138



109, 171, 148



78, 87, 80



0, 150, 21



0, 23, 3

Inverse Universe

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



118, 109, 171



138, 124, 222



148, 109, 171



79, 78, 87



22, 0, 150



3, 0, 23

Previews

White Background



This preview shows how the RYB color 109, 171, 118 looks on a white background.

Color Contrast Check

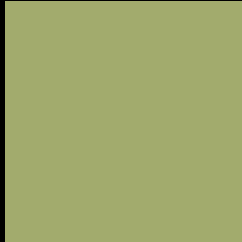
Large Text (above 18pt) WCAG AA × Fail

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 109, 171, 118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

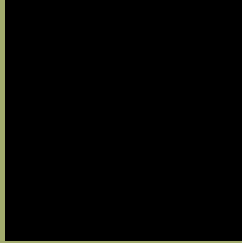
Any Text WCAG AA ✓ Pass

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](#).

R Y B 109, 171, 118 Background



This preview shows how black text looks on a background with the RYB color 109, 171, 118.



This preview shows how white text looks on a background with the RYB color 109, 171, 118.

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
109, 171, 118

Protanopia
126, 180, 107

Deuteranopia
187, 198, 112



Tritanopia
170, 163, 176

Trichromacy



Original Color
109, 171, 118

Protanomaly
115, 173, 108

Deuteranomaly
142, 185, 111

Tritanomaly
153, 167, 152

Monochromacy



Original Color
109, 171, 118

Achromatopsia
161, 161, 161

Achromatomaly
142, 165, 146

CSS Examples

Text

The CSS property to change the color of the text to RYB 109, 171, 118 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(162, 171, 109)` looks like.

```
.text, #text, p{  
    color:rgb(162, 171, 109)  
}
```

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(162, 171, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 171, 109) }
```

Border

The CSS property to change the border of an element to RYB 109, 171, 118 is called "border". The border property can be set on classes, ids or directly on the HTML element.

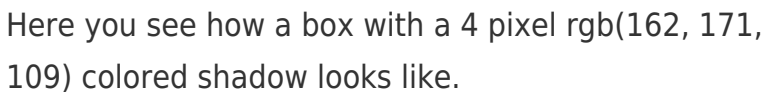
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(162, 171, 109) }
```

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

```
.border{ border-color:rgb(162, 171, 109) }
```

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



Here you see how a box with a 4 pixel `rgb(162, 171, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 171, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 171, 109); box-shadow:4px 4px 4px 4px rgb(162, 171, 109) }
```

Background

The CSS property to change the background color of an element to RYB 109, 171, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 171, 109) }
```

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

```
.background{ background-color: rgb(162,  
171, 109) }
```

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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