

Converting Colors

`RYB(169, 171, 116)`

Have a look what the booklet for
RYB(169, 171, 116) contains.

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Color

R_YB(169, 171, 116)

Conversions

Conversions Part 1

Format	Color
Hex	AB9074
RGB	171, 144, 116
RGB Percent	67%, 56%, 45%
CMY	0.3294, 0.4353, 0.5451
CMYK	0.00, 0.16, 0.32, 0.33
HSL	31°, 25%, 56%
HSV	31°, 32%, 67%
XYZ	29.9216, 29.8682, 20.7111
YIQ	148.8810, 25.0800, -2.9840

Conversions

Conversions Part 2

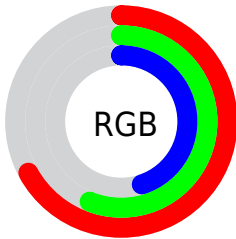
Format	Color
RYB	169, 171, 116
Decimal	11243636
CIELab	61.54, 5.91, 18.67
CIElCh	62, 19.582, 72.434
Yxy	29.8682, 0.3717, 0.3710
Android (android.graphics.Color)	4289433716 (0xFFAB9074)
YUV	148.8810, -16.2103, 19.3984
Hunter-Lab	54.6518, 2.0873, 15.7875

Details

The RYB color **169, 171, 116** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **116, 134, 171**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **225, 227, 168**, and **114, 118, 68** is the 20% darker color. If you saturate the color by 10%, you get **167, 171, 99**, and if you desaturate by 10%, it is **171, 171, 133**.

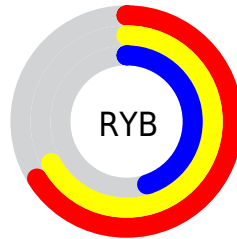
Distribution



Red (67%)

Green (56%)

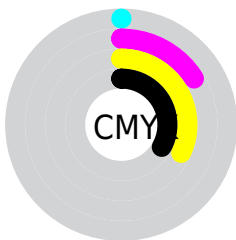
Blue (45%)



Red (66%)

Yellow (67%)

Blue (45%)

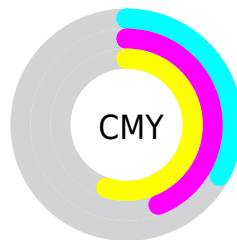


Cyan (0%)

Magenta (16%)

Yellow (32%)

Black (33%)



Cyan (33%)

Magenta (44%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 171, 116 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 169, 171, 116 by changing the saturation by 10% instead.

 169, 171, 116

255, 255, 255

 225, 227, 168

 251, 255, 195

 224, 255, 223

 252, 255, 252

 169, 171, 116

 167, 171, 99

 169, 171, 116

 142, 144, 91

 114, 118, 68

 86, 92, 45


 61, 68, 24

 30, 45, 0

 21, 1, 0

 0, 0, 0


 169, 171, 116

 171, 171, 133


 169, 171, 82


 169, 171, 150


 167, 171, 65


 171, 171, 167


 169, 171, 48

 171, 176, 184


 165, 171, 30


 171, 181, 201

 163, 171, 13

 171, 187, 219

 165, 171, 0

 171, 192, 236

 171, 198, 253

 171, 202, 255

Harmonies

Analogous

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



182, 143, 126



169, 171, 116



119, 154, 115

Triad

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



169, 171, 116



102, 132, 159



160, 142, 174

Complementary

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



169, 171, 116



116, 134, 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.



138, 146, 182



169, 171, 116



101, 132, 171

Square

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



169, 171, 116



116, 144, 158



115, 139, 181



177, 137, 159

Rectangle

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



169, 171, 116



119, 153, 131



115, 139, 181



153, 144, 178

Sweetspot

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



169, 171, 116



222, 222, 200



171, 116, 143



110, 112, 99



240, 240, 240



112, 112, 112

Same Dimension

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



169, 171, 116



220, 222, 135



116, 171, 116



87, 85, 78



142, 150, 0



21, 23, 0

Inverse Universe

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



116, 134, 171



135, 164, 222



116, 116, 171



78, 81, 87



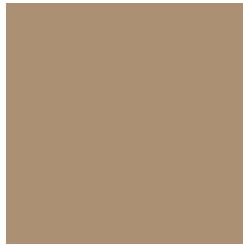
0, 50, 150



0, 7, 23

Previews

White Background



This preview shows how the RYB color 169, 171, 116 looks on a white background.

Color Contrast Check

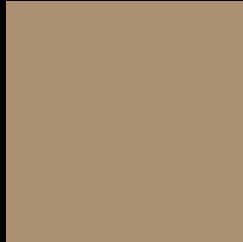
Large Text (above 18pt) WCAG AA ✓ Pass

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 169, 171, 116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

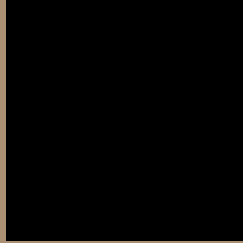
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 169, 171, 116 Background



This preview shows how black text looks on a background with the RYB color 169, 171, 116.



This preview shows how white text looks on a background with the RYB color 169, 171, 116.

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
169, 171, 116

Protanopia
131, 158, 118

Deuteranopia
174, 167, 116



Tritanopia
175, 139, 150

Trichromacy



Original Color
169, 171, 116

Protanomaly
142, 163, 117

Deuteranomaly
173, 167, 116

Tritanomaly
174, 141, 138

Monochromacy



Original Color
169, 171, 116

Achromatopsia
149, 149, 149

Achromatomaly
157, 157, 137

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 171, 116 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(171, 144, 116)` looks like.

```
.text, #text, p{  
    color:rgb(171, 144, 116)  
}
```

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(171, 144, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 144, 116) }
```

Border

The CSS property to change the border of an element to RYB 169, 171, 116 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(171, 144, 116) }
```

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

```
.border{ border-color:rgb(171, 144, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 144, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 144, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 144, 116);  
box-shadow:4px 4px 4px 4px rgb(171, 144,  
116) }
```

Background

The CSS property to change the background color of an element to RYB 169, 171, 116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 144, 116) }
```

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

```
.background{ background-color: rgb(171,  
144, 116) }
```

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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