

Converting Colors

`RYB(128, 167, 106)`

Have a look what the booklet for
RYB(128, 167, 106) contains.

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Color

R_YB(128, 167, 106)

Conversions

Conversions Part 1

Format	Color
Hex	A7976A
RGB	167, 151, 106
RGB Percent	65%, 59%, 42%
CMY	0.3451, 0.4085, 0.5843
CMYK	0.00, 0.10, 0.37, 0.35
HSL	44°, 26%, 54%
HSV	44°, 37%, 65%
XYZ	29.5773, 31.3351, 18.1250
YIQ	150.6540, 23.9810, -10.6030

Conversions

Conversions Part 2

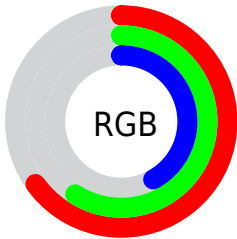
Format	Color
RYB	128, 167, 106
Decimal	10983274
CIELab	62.79, -0.78, 25.82
CIELCh	63, 25.836, 91.738
Yxy	31.3351, 0.3742, 0.3965
Android (android.graphics.Color)	4289173354 (0xFFA7976A)
YUV	150.6540, -22.0144, 14.3354
Hunter-Lab	55.9777, -3.6457, 19.9869

Details

The RYB color **128, 167, 106** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **106, 119, 167**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **183, 223, 158**, and **77, 114, 58** is the 20% darker color. If you saturate the color by 10%, you get **118, 167, 89**, and if you desaturate by 10%, it is **140, 167, 123**.

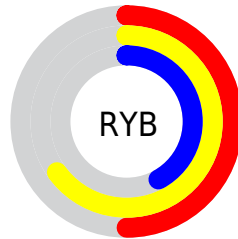
Distribution



Red (65%)

Green (59%)

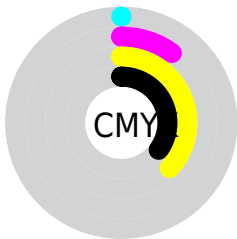
Blue (42%)



Red (50%)

Yellow (65%)

Blue (42%)

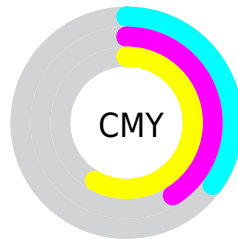


Cyan (0%)

Magenta (10%)

Yellow (37%)

Black (35%)



Cyan (35%)

Magenta (41%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 128, 167, 106 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 128, 167, 106 by changing the saturation by 10% instead.

 128, 167, 106

255, 255, 255


 183, 223, 158


 212, 252, 185


 213, 255, 213

 241, 255, 241

 128, 167, 106

 118, 167, 89


 128, 167, 106

 101, 140, 81

 77, 114, 58

 52, 89, 35


 27, 64, 14

 11, 42, 0

 4, 13, 0

 0, 0, 0

 128, 167, 106

 140, 167, 123

■ 107, 167, 73

■ 148, 167, 139

■ 95, 167, 56

■ 160, 167, 156

■ 85, 167, 39

■ 167, 169, 173

■ 73, 167, 22

■ 167, 172, 189

■ 65, 167, 6

■ 167, 175, 206

■ 60, 167, 0

■ 167, 179, 223

■ 167, 182, 240

■ 167, 186, 255

Harmonies

Analogous

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



186, 165, 112



128, 167, 106



112, 158, 128

Triad

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



128, 167, 106



81, 125, 175



182, 138, 174

Complementary

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



128, 167, 106



106, 119, 167

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.



157, 146, 191



128, 167, 106



94, 133, 192

Square

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



128, 167, 106



92, 132, 165



125, 146, 197



196, 135, 151

Rectangle

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



128, 167, 106



123, 161, 159



125, 146, 197



175, 140, 181

Sweetspot

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



128, 167, 106



203, 217, 193



167, 106, 122



100, 110, 95



237, 237, 237



110, 110, 110

Same Dimension

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



128, 167, 106



157, 217, 121



106, 167, 120



79, 84, 76



53, 148, 0



7, 20, 0

Inverse Universe

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



106, 119, 167



121, 141, 217



120, 106, 167



76, 78, 84



0, 31, 148



0, 4, 20

Previews

White Background



This preview shows how the RYB color 128, 167, 106 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 128, 167, 106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

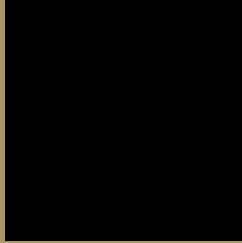
Any Text WCAG AA ✓ Pass

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 128, 167, 106 Background



This preview shows how black text looks on a background with the RYB color 128, 167, 106.



This preview shows how white text looks on a background with the RYB color 128, 167, 106.

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
128, 167, 106

Protanopia
121, 164, 106

Deuteranopia
177, 181, 107



Tritanopia
172, 144, 156

Trichromacy



Original Color
128, 167, 106

Protanomaly
123, 165, 106

Deuteranomaly
157, 176, 107

Tritanomaly
170, 149, 138

Monochromacy



Original Color
128, 167, 106

Achromatopsia
151, 151, 151

Achromatomaly
143, 157, 135

CSS Examples

Text

The CSS property to change the color of the text to RYB 128, 167, 106 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(167, 151, 106) looks like.

```
.text, #text, p{  
    color:rgb(167, 151, 106)  
}
```

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(167, 151, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 151, 106) }
```

Border

The CSS property to change the border of an element to RYB 128, 167, 106 is called "border". The border property can be set on classes, ids or directly on the HTML element.

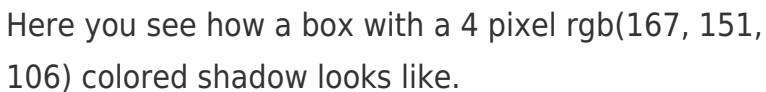
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 151, 106) }
```

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

```
.border{ border-color:rgb(167, 151, 106) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 151, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 151, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 151, 106);  
box-shadow:4px 4px 4px 4px rgb(167, 151,  
106) }
```

Background

The CSS property to change the background color of an element to RYB 128, 167, 106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 151, 106) }
```

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

```
.background{ background-color: rgb(167,  
151, 106) }
```

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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