

Converting Colors

`RYB(168, 125, 107)`

Have a look what the booklet for
RYB(168, 125, 107) contains.

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Color

R_YB(168, 125, 107)

Conversions

Conversions Part 1

Format	Color
Hex	A8796B
RGB	168, 121, 107
RGB Percent	66%, 47%, 42%
CMY	0.3412, 0.5259, 0.5804
CMYK	0.00, 0.28, 0.36, 0.34
HSL	14°, 26%, 54%
HSV	14°, 36%, 66%
XYZ	25.6274, 23.0365, 17.0057
YIQ	133.4570, 32.5060, 5.6100

Conversions

Conversions Part 2

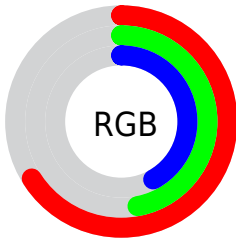
Format	Color
R_{YB}	168, 125, 107
Decimal	11041131
CIE Lab	55.11, 16.51, 14.90
CIE LCh	55, 22.236, 42.062
Yxy	23.0365, 0.3902, 0.3508
Android (android.graphics.Color)	4289231211 (0xFFA8796B)
YUV	133.4570, -13.0433, 30.2942
Hunter-Lab	47.9964, 11.3153, 12.5903

Details

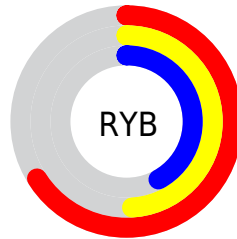
The RYB color **168, 125, 107** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **107, 134, 168**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **224, 179, 158**, and **114, 75, 60** is the 20% darker color. If you saturate the color by 10%, you get **168, 113, 90**, and if you desaturate by 10%, it is **168, 137, 124**.

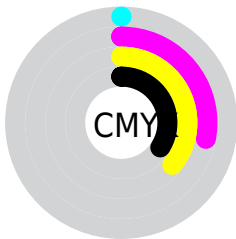
Distribution



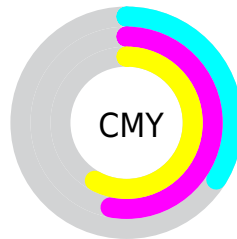
- Red (66%)
- Green (47%)
- Blue (42%)



- Red (66%)
- Yellow (49%)
- Blue (42%)



- Cyan (0%)
- Magenta (28%)
- Yellow (36%)
- Black (34%)



- Cyan (34%)
- Magenta (53%)
- Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the RYB color 168, 125, 107 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 168, 125, 107 by changing the saturation by 10% instead.

 168, 125, 107

255, 255, 255


 224, 177, 158

 254, 206, 185


 255, 239, 213


 241, 255, 241


 168, 125, 107

 168, 113, 90

 168, 102, 73

 168, 125, 107


 141, 100, 83

 114, 75, 60


 89, 52, 38

 64, 31, 17

 41, 6, 0

 0, 0, 0

 168, 125, 107

 168, 137, 124

 168, 149, 141

168, 89, 57

168, 161, 157

168, 77, 40

168, 171, 174

168, 66, 23

168, 178, 191

168, 54, 6

168, 185, 208

168, 49, 0

168, 193, 225

168, 200, 241

168, 207, 255

Harmonies

Analogous

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



171, 118, 125



168, 125, 107



152, 156, 96

Triad

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



168, 125, 107



94, 126, 142



119, 129, 169

Complementary

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



168, 125, 107



107, 134, 168

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.



92, 120, 168



168, 125, 107



77, 111, 143

Square

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



168, 125, 107



103, 139, 126



75, 112, 157



145, 124, 161

Rectangle

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



168, 125, 107



112, 145, 93



75, 112, 157



110, 127, 170

Sweetspot

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



168, 125, 107



219, 203, 195



168, 107, 155



110, 100, 95



237, 237, 237



110, 110, 110

Same Dimension

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



168, 125, 107



219, 152, 123



131, 168, 107



84, 79, 76



148, 44, 0



20, 7, 0

Inverse Universe

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



107, 134, 168



123, 165, 219



107, 120, 168



76, 79, 84



0, 64, 148



0, 9, 20

Previews

White Background



This preview shows how the RYB color 168, 125, 107 looks on a white background.

Color Contrast Check

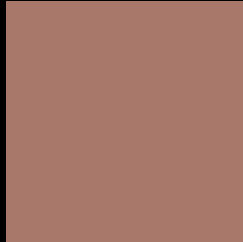
Large Text (above 18pt) WCAG AA ✓ Pass

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 168, 125, 107 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 168, 125, 107 Background



This preview shows how black text looks on a background with the RYB color 168, 125, 107.



This preview shows how white text looks on a background with the RYB color 168, 125, 107.

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
168, 125, 107

Protanopia
121, 139, 112

Deuteranopia
154, 143, 106



Tritanopia
170, 118, 127

Trichromacy



Original Color

168, 125, 107

Protanomaly

150, 143, 110

Deuteranomaly

159, 136, 106

Tritanomaly

169, 119, 120

Monochromacy



Original Color

168, 125, 107

Achromatopsia

133, 133, 133

Achromatomaly

146, 130, 124

CSS Examples

Text

The CSS property to change the color of the text to RYB 168, 125, 107 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(168, 121, 107)` looks like.

```
.text, #text, p{  
    color:rgb(168, 121, 107)  
}
```

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(168, 121, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 121, 107) }
```

Border

The CSS property to change the border of an element to RYB 168, 125, 107 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(168, 121, 107) }
```

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

```
.border{ border-color:rgb(168, 121, 107) }
```

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

Here you see how a box with a 4 pixel rgb(168, 121, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 121, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 121, 107);  
box-shadow:4px 4px 4px 4px rgb(168, 121,  
107) }
```

Background

The CSS property to change the background color of an element to RYB 168, 125, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 121, 107) }
```

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

```
.background{ background-color: rgb(168,  
121, 107) }
```

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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