

Converting Colors

`RYB(168, 156, 115)`

Have a look what the booklet for
RYB(168, 156, 115) contains.

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Color

R_YB(168, 156, 115)

Conversions

Conversions Part 1

Format	Color
Hex	A88A73
RGB	168, 138, 115
RGB Percent	66%, 54%, 45%
CMY	0.3412, 0.4584, 0.5490
CMYK	0.00, 0.18, 0.32, 0.34
HSL	26°, 23%, 55%
HSV	26°, 32%, 66%
XYZ	28.3482, 27.7732, 20.0863
YIQ	144.3480, 25.2630, -0.7930

Conversions

Conversions Part 2

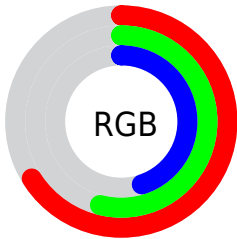
Format	Color
R_{YB}	168, 156, 115
Decimal	11045491
CIE _{Lab}	59.68, 7.85, 16.64
CIE _{LCh}	60, 18.393, 64.752
Yxy	27.7732, 0.3720, 0.3644
Android (android.graphics.Color)	4289235571 (0xFFA88A73)
YUV	144.3480, -14.4686, 20.7428
Hunter-Lab	52.7003, 3.7922, 14.2923

Details

The RYB color **168, 156, 115** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **115, 134, 168**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **224, 208, 167**, and **115, 104, 67** is the 20% darker color. If you saturate the color by 10%, you get **168, 154, 98**, and if you desaturate by 10%, it is **168, 161, 132**.

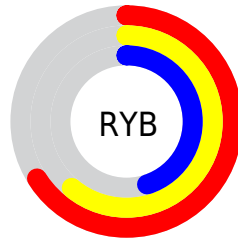
Distribution



Red (66%)

Green (54%)

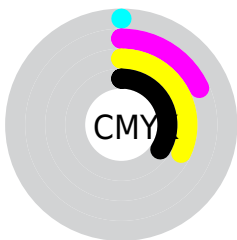
Blue (45%)



Red (66%)

Yellow (61%)

Blue (45%)

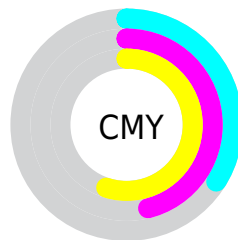


Cyan (0%)

Magenta (18%)

Yellow (32%)

Black (34%)



Cyan (34%)

Magenta (46%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 168, 156, 115 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, 156, 115 by changing the saturation by 10% instead.

 168, 156, 115


255, 255, 255


 224, 212, 167

 253, 237, 194


 231, 255, 222

 251, 255, 251

 168, 156, 115

 141, 132, 90

 115, 104, 67

 90, 83, 44


 65, 59, 24

 41, 43, 0


 16, 0, 0


 0, 0, 0

 168, 156, 115


 168, 154, 98

 168, 156, 115


 168, 161, 132

 168, 148, 81


 168, 163, 149

 168, 145, 65


 167, 168, 165


 168, 140, 48

 168, 173, 182

 168, 138, 31

 168, 179, 199

 168, 133, 14

 168, 185, 216

 168, 129, 0

 168, 191, 233

 168, 197, 249

 168, 202, 255

Harmonies

Analogous

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



176, 136, 126



168, 156, 115



125, 153, 112

Triad

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



168, 156, 115



103, 130, 153



150, 139, 170

Complementary

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



168, 156, 115



115, 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.



128, 140, 176



168, 156, 115



99, 128, 162

Square

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



168, 156, 115



117, 143, 152



109, 133, 172



167, 134, 158

Rectangle

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



168, 156, 115



114, 147, 119



109, 133, 172



143, 141, 173

Sweetspot

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



168, 156, 115



219, 214, 200



168, 115, 145



110, 107, 98



237, 237, 237



110, 110, 110

Same Dimension

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



168, 156, 115



219, 200, 136



119, 168, 115



84, 81, 76



148, 116, 0



20, 16, 0

Inverse Universe

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



115, 134, 168



136, 166, 219



115, 119, 168



76, 79, 84



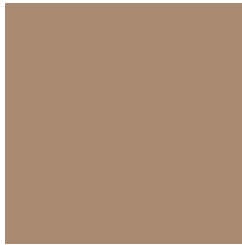
0, 53, 148



0, 8, 20

Previews

White Background



This preview shows how the RYB color 168, 156, 115 looks on a white background.

Color Contrast Check

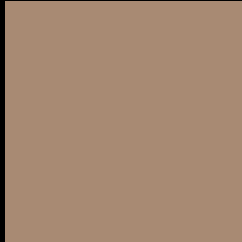
Large Text (above 18pt) WCAG AA ✓ Pass

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, 156, 115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

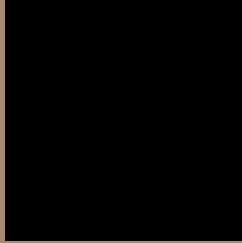
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

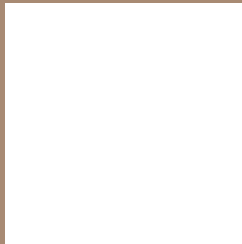
Any Text WCAG AAA × Fail

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

RYB 168, 156, 115 Background



This preview shows how black text looks on a background with the RYB color 168, 156, 115.



This preview shows how white text looks on a background with the RYB color 168, 156, 115.

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, 156, 115

Protanopia
128, 152, 118

Deuteranopia
168, 156, 115



Tritanopia
171, 134, 144

Trichromacy



Original Color

168, 156, 115

Protanomaly

143, 158, 117

Deuteranomaly

168, 156, 115

Tritanomaly

170, 135, 133

Monochromacy



Original Color

168, 156, 115

Achromatopsia

144, 144, 144

Achromatomaly

153, 149, 133

CSS Examples

Text

The CSS property to change the color of the text to RYB 168, 138, 115 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, 138, 115)` looks like.

```
.text, #text, p{  
    color:rgb(168, 138, 115)  
}
```

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, 138, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 138, 115) }
```

Border

The CSS property to change the border of an element to RYB 168, 156, 115 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, 138, 115) }
```

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

```
.border{ border-color:rgb(168, 138, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 138, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 138, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 138, 115); box-shadow:4px 4px 4px 4px rgb(168, 138, 115) }
```

Background

The CSS property to change the background color of an element to RYB 168, 156, 115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 138, 115) }
```

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

```
.background{ background-color: rgb(168,  
138, 115) }
```

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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