

Converting Colors

`RYB(156, 129, 111)`

Have a look what the booklet for
RYB(156, 129, 111) contains.

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Color

R_YB(156, 129, 111)

Conversions

Conversions Part 1

Format	Color
Hex	9C7C6F
RGB	156, 124, 111
RGB Percent	61%, 49%, 44%
CMY	0.3882, 0.5143, 0.5647
CMYK	0.00, 0.21, 0.29, 0.39
HSL	17°, 19%, 52%
HSV	17°, 29%, 61%
XYZ	23.7693, 22.5951, 18.1474
YIQ	132.0860, 23.2450, 2.7410

Conversions

Conversions Part 2

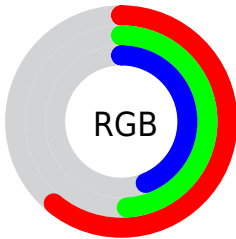
Format	Color
R_{YB}	156, 129, 111
Decimal	10255471
CIE _{Lab}	54.65, 10.48, 11.75
CIE _{LCh}	55, 15.742, 48.283
Yxy	22.5951, 0.3684, 0.3502
Android (android.graphics.Color)	4288445551 (0xFF9C7C6F)
YUV	132.0860, -10.3954, 20.9726
Hunter-Lab	47.5343, 6.0729, 10.6386

Details

The RYB color **156, 129, 111** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **111, 130, 156**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **211, 183, 163**, and **104, 80, 63** is the 20% darker color. If you saturate the color by 10%, you get **156, 121, 95**, and if you desaturate by 10%, it is **156, 138, 127**.

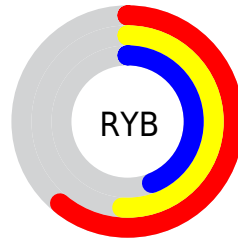
Distribution



Red (61%)

Green (49%)

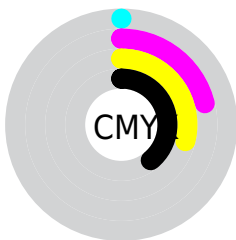
Blue (44%)



Red (61%)

Yellow (51%)

Blue (44%)

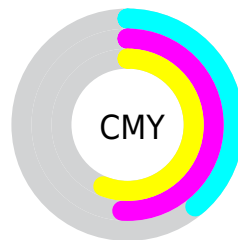


Cyan (0%)

Magenta (21%)

Yellow (29%)

Black (39%)



Cyan (39%)

Magenta (51%)

Yellow (56%)


Brightness & Saturation Gradients

These gradients show how the RYB color 156, 129, 111 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 156, 129, 111 by changing the saturation by 10% instead.

 156, 129, 111

255, 255, 255

 211, 181, 163

 240, 209, 190


 255, 241, 218

 246, 255, 246

 156, 129, 111

 156, 121, 95

 156, 111, 80

 156, 129, 111

 129, 104, 87

 104, 80, 63


 79, 56, 41


 55, 35, 21

 34, 10, 0

 0, 0, 0

 156, 129, 111

 156, 138, 127

 156, 148, 142

■ 156, 100, 64

■ 156, 157, 158

■ 156, 91, 49

■ 156, 163, 173

■ 156, 82, 33

■ 156, 170, 189

■ 156, 73, 17

■ 156, 176, 205

■ 156, 64, 2

■ 156, 183, 220

■ 156, 63, 0

■ 156, 189, 236

■ 156, 196, 251

Harmonies

Analogous

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



159, 121, 123



156, 129, 111



136, 146, 104

Triad

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



156, 129, 111



103, 124, 138



126, 129, 156

Complementary

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



156, 129, 111



111, 130, 156

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.



109, 125, 157



156, 129, 111



94, 117, 139

Square

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



156, 129, 111



112, 136, 131



96, 119, 151



143, 125, 149

Rectangle

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



156, 129, 111



111, 137, 104



96, 119, 151



120, 128, 157

Sweetspot

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



156, 129, 111



204, 193, 186



156, 111, 143



102, 95, 91



230, 230, 230



102, 102, 102

Same Dimension

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



156, 129, 111



204, 161, 133



124, 156, 111



79, 74, 71



143, 57, 0



15, 5, 0

Inverse Universe

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



111, 130, 156



133, 163, 204



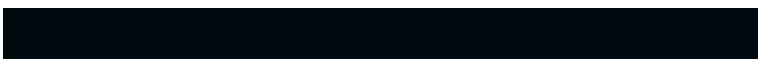
111, 119, 156



71, 74, 79



0, 60, 143



0, 6, 15

Previews

White Background



This preview shows how the RYB color 156, 129, 111 looks on a white background.

Color Contrast Check

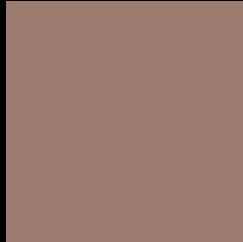
Large Text (above 18pt) WCAG AA ✓ Pass

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 156, 129, 111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

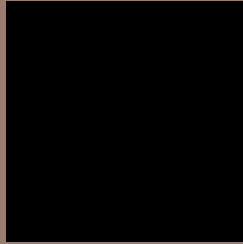
Any Text WCAG AA ✓ Pass

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 156, 129, 111 Background



This preview shows how black text looks on a background with the RYB color 156, 129, 111.



This preview shows how white text looks on a background with the RYB color 156, 129, 111.

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
156, 129, 111

Protanopia
122, 137, 114

Deuteranopia
151, 135, 111



Tritanopia
158, 121, 130

Trichromacy



Original Color

156, 129, 111

Protanomaly

144, 142, 113

Deuteranomaly

153, 132, 111

Tritanomaly

157, 122, 123

Monochromacy



Original Color

156, 129, 111

Achromatopsia

132, 132, 132

Achromatomaly

141, 131, 124

CSS Examples

Text

The CSS property to change the color of the text to RYB 156, 129, 111 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(156, 124, 111)` looks like.

```
.text, #text, p{  
    color:rgb(156, 124, 111)  
}
```

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(156, 124, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 124, 111) }
```

Border

The CSS property to change the border of an element to RYB 156, 129, 111 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(156, 124, 111) }
```

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

```
.border{ border-color:rgb(156, 124, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 124, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 124, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 124, 111);  
box-shadow:4px 4px 4px 4px rgb(156, 124,  
111) }
```

Background

The CSS property to change the background color of an element to RYB 156, 129, 111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 124, 111) }
```

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

```
.background{ background-color: rgb(156,  
124, 111) }
```

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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