

Converting Colors

`RYB(129, 111, 129)`

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

RYB(129, 111, 129)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

`RYB(129, 111, 129)`

Conversions

Conversions Part 1

Format	Color
Hex	816F81
RGB	129, 111, 129
RGB Percent	51%, 44%, 51%
CMY	0.4941, 0.5647, 0.4941
CMYK	0.00, 0.14, 0.00, 0.49
HSL	300°, 7%, 47%
HSV	300°, 14%, 51%
XYZ	18.7001, 17.6210, 23.1845
YIQ	118.4340, 4.9500, 9.4140

Conversions

Conversions Part 2

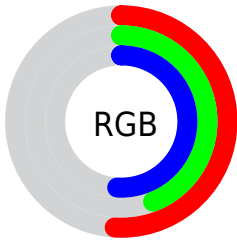
Format	Color
R_{YB}	129, 111, 129
Decimal	8482689
CIE _{Lab}	49.03, 10.49, -7.30
CIE _{LCh}	49, 12.783, 325.162
Yxy	17.6210, 0.3143, 0.2961
Android (android.graphics.Color)	4286672769 (0xFF816F81)
YUV	118.4340, 5.2090, 9.2664
Hunter-Lab	41.9774, 6.0581, -3.3622

Details

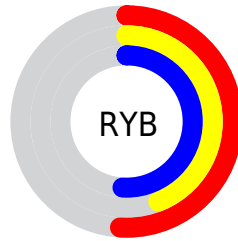
The RYB color **129, 111, 129** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **111, 129, 129**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **182, 163, 182**, and **80, 63, 80** is the 20% darker color. If you saturate the color by 10%, you get **129, 98, 129**, and if you desaturate by 10%, it is **129, 124, 129**.

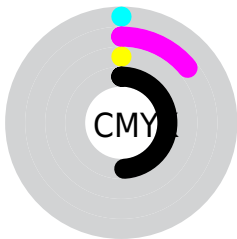
Distribution



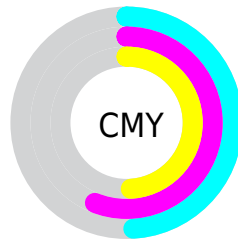
- Red (51%)
- Green (44%)
- Blue (51%)



- Red (51%)
- Yellow (44%)
- Blue (51%)



- Cyan (0%)
- Magenta (14%)
- Yellow (0%)
- Black (49%)



- Cyan (49%)
- Magenta (56%)
- Yellow (49%)


Brightness & Saturation Gradients


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

 129, 111, 129

255, 255, 255

 182, 163, 182

 210, 190, 209

 238, 218, 238

 255, 246, 255

 129, 111, 129

 104, 87, 104

 80, 63, 80

 57, 41, 57

 35, 21, 35

 10, 0, 14

 0, 0, 0

 129, 111, 129

 129, 98, 129

 129, 85, 129

 129, 111, 129

 129, 124, 129

 129, 137, 137

■ 129, 72, 129

■ 129, 150, 150

■ 129, 59, 129

■ 129, 163, 163

■ 129, 47, 129

■ 129, 176, 176

■ 129, 34, 129

■ 129, 188, 188

■ 129, 21, 129

■ 129, 201, 201

■ 129, 8, 129

■ 129, 214, 214

■ 129, 0, 129

■ 129, 227, 227

Harmonies

Analogous

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



116, 114, 136



129, 111, 129



137, 109, 119

Triad

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



129, 111, 129



114, 127, 95



88, 106, 125

Complementary

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



129, 111, 129



111, 129, 129

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.



93, 111, 123



129, 111, 129



97, 119, 101

Square

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



129, 111, 129



135, 119, 99



103, 120, 121



91, 109, 134

Rectangle

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



129, 111, 129



139, 109, 111



103, 120, 121



89, 106, 123

Sweetspot

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



129, 111, 129



168, 162, 168



111, 111, 129



84, 80, 84



212, 212, 212



84, 84, 84

Same Dimension

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



129, 111, 129



168, 140, 168



129, 111, 120



64, 57, 64



128, 0, 128



0, 0, 0

Inverse Universe

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



129, 111, 129



168, 140, 168



111, 123, 129



64, 57, 64



128, 0, 128



0, 0, 0

Previews

White Background



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

Black Background



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

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

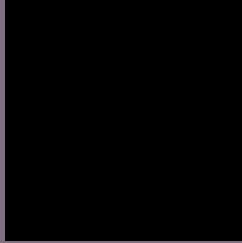
Any Text WCAG AA ✓ Pass

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 129, 111, 129 Background



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



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

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

129, 111, 129

Protanopia

114, 116, 132

Deuteranopia

122, 113, 129



Tritanopia
128, 112, 121

Trichromacy



Original Color

129, 111, 129

Protanomaly

119, 114, 131

Deuteranomaly

125, 112, 129

Tritanomaly

128, 112, 124

Monochromacy



Original Color

129, 111, 129

Achromatopsia

118, 118, 118

Achromatomaly

122, 115, 122

CSS Examples

Text

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

```
.text, #text, p{  
    color:rgb(129, 111, 129)  
}
```

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(129, 111, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 111, 129) }
```

Border

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

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

```
.border{ border-color:rgb(129, 111, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 111, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 111, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 111, 129);  
box-shadow:4px 4px 4px 4px rgb(129, 111,  
129) }
```

Background

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

```
.background, #background, body{  
background: rgb(129, 111, 129) }
```

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

```
.background{ background-color: rgb(129,  
111, 129) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor