

Converting Colors

`RYB(108, 121, 103)`

Have a look what the booklet for
RYB(108, 121, 103) contains.

RYB(108, 121, 103)	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

R_YB(108, 121, 103)

Conversions

Conversions Part 1

Format	Color
Hex	797567
RGB	121, 117, 103
RGB Percent	47%, 46%, 40%
CMY	0.5255, 0.5408, 0.5961
CMYK	0.00, 0.03, 0.15, 0.53
HSL	47°, 8%, 44%
HSV	47°, 15%, 47%
XYZ	16.7048, 17.7871, 15.3848
YIQ	116.6000, 6.8780, -3.5060

Conversions

Conversions Part 2

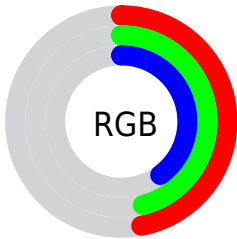
Format	Color
R_{YB}	108, 121, 103
Decimal	7959911
CIE Lab	49.24, -1.12, 8.31
CIE LCh	49, 8.383, 97.682
Yxy	17.7871, 0.3349, 0.3566
Android (android.graphics.Color)	4286149991 (0xFF797567)
YUV	116.6000, -6.7048, 3.8588
Hunter-Lab	42.1747, -3.1046, 7.8941

Details

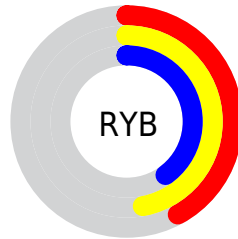
The RYB color **108, 121, 103** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **103, 106, 121**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **159, 173, 154**, and **60, 72, 56** is the 20% darker color. If you saturate the color by 10%, you get **100, 121, 91**, and if you desaturate by 10%, it is **116, 121, 115**.

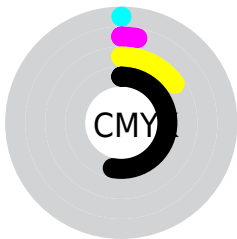
Distribution



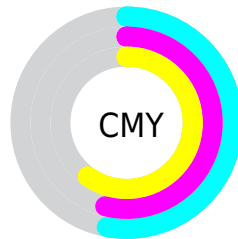
- Red (47%)
- Green (46%)
- Blue (40%)



- Red (42%)
- Yellow (47%)
- Blue (40%)



- Cyan (0%)
- Magenta (3%)
- Yellow (15%)
- Black (53%)



- Cyan (53%)
- Magenta (54%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 108, 121, 103 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 108, 121, 103 by changing the saturation by 10% instead.

■ 108, 121, 103

255, 255, 255

■ 159, 173, 154

■ 188, 201, 181

■ 215, 229, 208

■ 239, 255, 237

■ 108, 121, 103

■ 84, 96, 79

■ 60, 72, 56

■ 39, 50, 35

■ 17, 29, 13

■ 0, 0, 0

■ 108, 121, 103

■ 100, 121, 91

■ 90, 121, 79

■ 82, 121, 67

■ 108, 121, 103

■ 116, 121, 115

■ 121, 122, 127

■ 121, 124, 139

■ 73, 121, 55

■ 121, 127, 151

■ 65, 121, 43

■ 121, 128, 163

■ 56, 121, 30

■ 121, 131, 176

■ 46, 121, 18

■ 121, 133, 188

■ 38, 121, 6

■ 121, 135, 200

■ 33, 121, 0

■ 121, 137, 212

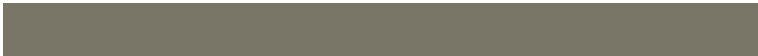
Harmonies

Analogous

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



128, 124, 104



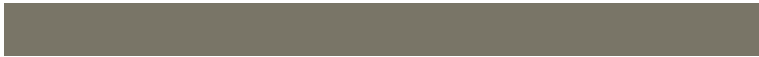
108, 121, 103



106, 119, 112

Triad

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



108, 121, 103



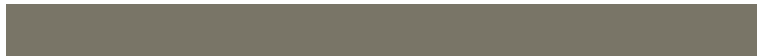
100, 111, 125



128, 113, 123

Complementary

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



108, 121, 103



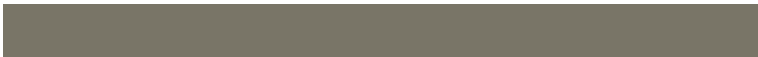
103, 106, 121

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.



121, 115, 128



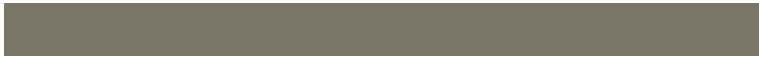
108, 121, 103



104, 114, 130

Square

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



108, 121, 103



100, 111, 121



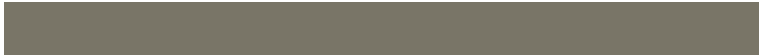
112, 116, 131



132, 112, 115

Rectangle

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



108, 121, 103



108, 119, 120



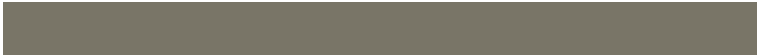
112, 116, 131



126, 113, 125

Sweetspot

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



108, 121, 103



153, 158, 152



121, 103, 107



76, 79, 75



207, 207, 207



79, 79, 79

Same Dimension

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



108, 121, 103



138, 158, 130



103, 121, 108



56, 61, 55



34, 125, 0



69, 252, 0

Inverse Universe

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



103, 106, 121



130, 135, 158



108, 103, 121



55, 56, 61



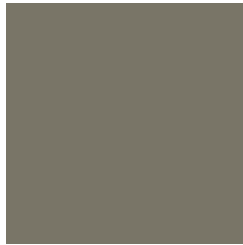
0, 22, 125



0, 45, 252

Previews

White Background



This preview shows how the RYB color 108, 121, 103 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 108, 121, 103 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 108, 121, 103 Background



This preview shows how black text looks on a background with the RYB color 108, 121, 103.



This preview shows how white text looks on a background with the RYB color 108, 121, 103.

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

108, 121, 103

Protanopia

110, 122, 103

Deuteranopia

133, 117, 104



Tritanopia
124, 114, 123

Trichromacy



Original Color

108, 121, 103

Protanomaly

110, 122, 103

Deuteranomaly

129, 121, 104

Tritanomaly

123, 115, 116

Monochromacy



Original Color

108, 121, 103

Achromatopsia

117, 117, 117

Achromatomaly

113, 118, 112

CSS Examples

Text

The CSS property to change the color of the text to RYB 108, 121, 103 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(121, 117, 103) looks like.

```
.text, #text, p{  
    color:rgb(121, 117, 103)  
}
```

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(121, 117, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 117, 103) }
```

Border

The CSS property to change the border of an element to RYB 108, 121, 103 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(121, 117, 103) }
```

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

```
.border{ border-color:rgb(121, 117, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 117, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 117, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 117, 103);  
box-shadow:4px 4px 4px 4px rgb(121, 117,  
103) }
```

Background

The CSS property to change the background color of an element to RYB 108, 121, 103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 117, 103) }
```

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

```
.background{ background-color: rgb(121,  
117, 103) }
```

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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