

Converting Colors

`RYB(109, 124, 111)`

Have a look what the booklet for
RYB(109, 124, 111) contains.

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Color

R_YB(109, 124, 111)

Conversions

Conversions Part 1

Format	Color
Hex	7A7C6D
RGB	122, 124, 109
RGB Percent	48%, 49%, 43%
CMY	0.5216, 0.5137, 0.5725
CMYK	0.02, 0.00, 0.12, 0.51
HSL	68°, 6%, 46%
HSV	68°, 12%, 49%
XYZ	17.9940, 19.6570, 17.3138
YIQ	121.6920, 3.6230, -5.0890

Conversions

Conversions Part 2

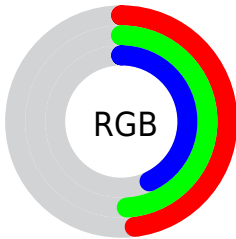
Format	Color
RYB	109, 124, 111
Decimal	8027245
CIELab	51.45, -3.62, 7.94
CIElCh	51, 8.722, 114.526
Yxy	19.6570, 0.3274, 0.3576
Android (android.graphics.Color)	4286217325 (0xFF7A7C6D)
YUV	121.6920, -6.2572, 0.2701
Hunter-Lab	44.3362, -5.1435, 7.8819

Details

The RYB color **109, 124, 111** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **111, 109, 124**, and the grayscale version is **122, 122, 122**.

A 20% lighter version of the original color is **160, 176, 162**, and **62, 75, 64** is the 20% darker color. If you saturate the color by 10%, you get **97, 124, 101**, and if you desaturate by 10%, it is **121, 124, 121**.

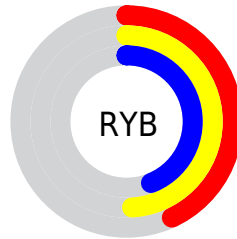
Distribution



Red (48%)

Green (49%)

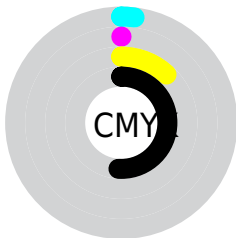
Blue (43%)



Red (43%)

Yellow (49%)

Blue (44%)

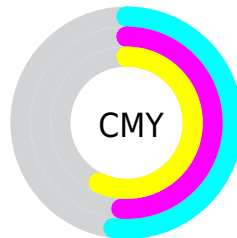


Cyan (2%)

Magenta (0%)

Yellow (12%)

Black (51%)



Cyan (52%)

Magenta (51%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 109, 124, 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 109, 124, 111 by changing the saturation by 10% instead.

■ 109, 124, 111

255, 255, 255

■ 160, 176, 162

■ 187, 204, 189

■ 215, 232, 217

■ 244, 255, 244

■ 109, 124, 111

■ 85, 99, 87

■ 62, 75, 64

■ 40, 53, 42

■ 19, 32, 21

■ 0, 8, 8

■ 0, 0, 0

■ 109, 124, 111

■ 97, 124, 101

■ 84, 124, 89

■ 109, 124, 111

■ 121, 124, 121

■ 125, 124, 134

■ 72, 124, 79

■ 127, 124, 146

■ 59, 124, 68

■ 129, 124, 159

■ 47, 124, 57

■ 130, 124, 171

■ 35, 124, 47

■ 132, 124, 183

■ 22, 124, 36

■ 134, 124, 196

■ 10, 124, 25

■ 135, 124, 208

■ 0, 124, 17

■ 137, 124, 221

Harmonies

Analogous

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



121, 130, 108



109, 124, 111



113, 125, 126

Triad

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



109, 124, 111



106, 118, 134



137, 118, 124

Complementary

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



109, 124, 111



111, 109, 124

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.



131, 119, 131



109, 124, 111



113, 121, 137

Square

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



109, 124, 111



104, 116, 128



122, 121, 136



139, 118, 117

Rectangle

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



109, 124, 111



109, 121, 127



122, 121, 136



135, 118, 127

Sweetspot

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



109, 124, 111



154, 161, 155



124, 111, 109



78, 82, 79



209, 209, 209



82, 82, 82

Same Dimension

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



109, 124, 111



137, 161, 141



109, 124, 118



55, 61, 56



0, 125, 17



0, 252, 33

Inverse Universe

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



111, 109, 124



140, 137, 161



119, 109, 124



56, 55, 61



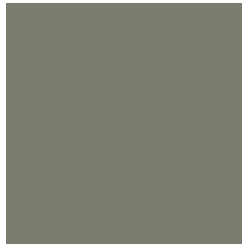
17, 0, 125



34, 0, 252

Previews

White Background



This preview shows how the RYB color 109, 124, 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 109, 124, 111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

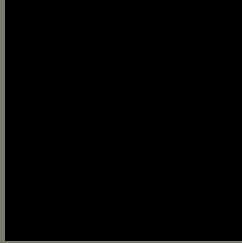
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

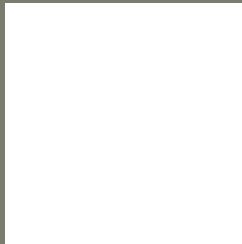
Any Text WCAG AAA × Fail

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

RYB 109, 124, 111 Background



This preview shows how black text looks on a background with the RYB color 109, 124, 111.

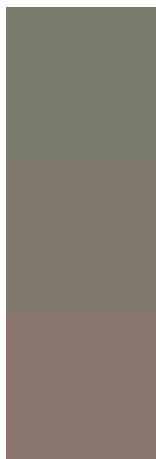


This preview shows how white text looks on a background with the RYB color 109, 124, 111.

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


109, 124, 111

Protanopia

117, 128, 108

Deuteranopia

139, 121, 110



Tritanopia
125, 121, 130

Trichromacy



Original Color

109, 124, 111

Protanomaly

112, 126, 108

Deuteranomaly

133, 128, 110

Tritanomaly

124, 122, 122

Monochromacy



Original Color

109, 124, 111

Achromatopsia

122, 122, 122

Achromatomaly

117, 123, 118

CSS Examples

Text

The CSS property to change the color of the text to RYB 109, 124, 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(122, 124, 109)` looks like.

```
.text, #text, p{  
    color:rgb(122, 124, 109)  
}
```

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(122, 124, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 124, 109) }
```

Border

The CSS property to change the border of an element to RYB 109, 124, 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(122, 124, 109) }
```

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

```
.border{ border-color:rgb(122, 124, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 124, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 124, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 124, 109);  
box-shadow:4px 4px 4px 4px rgb(122, 124,  
109) }
```

Background

The CSS property to change the background color of an element to RYB 109, 124, 111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 124, 109) }
```

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

```
.background{ background-color: rgb(122,  
124, 109) }
```

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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