

Converting Colors

`RYB(97, 119, 111)`

Have a look what the booklet for
RYB(97, 119, 111) contains.

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Color

R_YB(97, 119, 111)

Conversions

Conversions Part 1

Format	Color
Hex	697761
RGB	105, 119, 97
RGB Percent	41%, 47%, 38%
CMY	0.5882, 0.5333, 0.6196
CMYK	0.12, 0.00, 0.18, 0.53
HSL	98°, 10%, 42%
HSV	98°, 18%, 47%
XYZ	14.5802, 17.0600, 13.8337
YIQ	112.3060, -1.2820, -9.8100

Conversions

Conversions Part 2

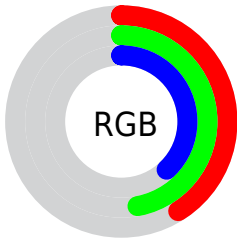
Format	Color
R_{YB}	97, 119, 111
Decimal	6911841
CIE Lab	48.34, -9.65, 10.38
CIE LCh	48, 14.173, 132.919
Yxy	17.0600, 0.3206, 0.3752
Android (android.graphics.Color)	4285101921 (0xFF697761)
YUV	112.3060, -7.5459, -6.4074
Hunter-Lab	41.3037, -9.2711, 9.0548

Details

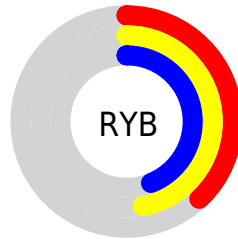
The RYB color **97, 119, 111** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **111, 97, 119**, and the grayscale version is **112, 112, 112**.

A 20% lighter version of the original color is **148, 171, 163**, and **51, 71, 64** is the 20% darker color. If you saturate the color by 10%, you get **85, 119, 107**, and if you desaturate by 10%, it is **109, 119, 115**.

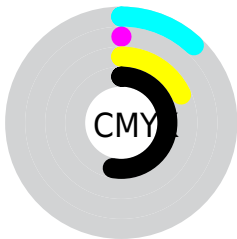
Distribution



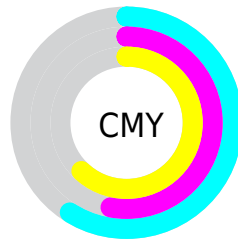
- Red (41%)
- Green (47%)
- Blue (38%)



- Red (38%)
- Yellow (47%)
- Blue (44%)



- Cyan (12%)
- Magenta (0%)
- Yellow (18%)
- Black (53%)



- Cyan (59%)
- Magenta (53%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the RYB color 97, 119, 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 97, 119, 111 by changing the saturation by 10% instead.

■ 97, 119, 111 ■ 97, 119, 111

255, 255, 255 ■ 73, 94, 86

■ 148, 171, 163 ■ 51, 71, 64

■ 174, 199, 190 ■ 29, 48, 41

■ 202, 227, 218 ■ 5, 27, 16

■ 230, 255, 246 ■ 0, 0, 0

■ 97, 119, 111 ■ 97, 119, 111

■ 85, 119, 107 ■ 109, 119, 115

■ 73, 119, 102 ■ 120, 119, 121

■ 61, 119, 98 ■ 128, 119, 133

■ 49, 119, 93

■ 135, 119, 145

■ 37, 119, 89

■ 143, 119, 156

■ 26, 119, 85

■ 150, 119, 168

■ 14, 119, 81

■ 158, 119, 180

■ 2, 119, 77

■ 166, 119, 192

■ 0, 119, 76

■ 173, 119, 204

Harmonies

Analogous

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



94, 119, 91



97, 119, 111



92, 111, 121

Triad

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



97, 119, 111



93, 109, 137



140, 106, 110

Complementary

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



97, 119, 111



111, 97, 119

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.



135, 107, 122



97, 119, 111



108, 113, 138

Square

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



97, 119, 111



83, 104, 131



123, 110, 132



138, 111, 99

Rectangle

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



97, 119, 111



86, 106, 122



123, 110, 132



139, 106, 114

Sweetspot

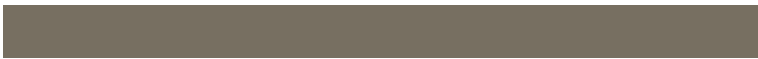
The Sweet Spot groups the original color and five complimentary colors.



97, 119, 111



146, 156, 152



110, 119, 97



74, 79, 77



207, 207, 207



79, 79, 79

Same Dimension

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



97, 119, 111



121, 156, 143



97, 116, 119



53, 59, 57



0, 122, 77



0, 250, 159

Inverse Universe

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



111, 97, 119



143, 121, 156



119, 97, 116



57, 53, 59



78, 0, 122



159, 0, 250

Previews

White Background



This preview shows how the RYB color 97, 119, 111 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 97, 119, 111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

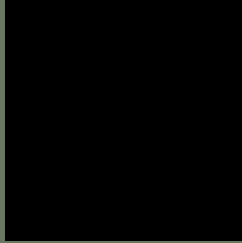
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

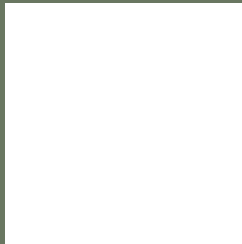
Any Text WCAG AAA × Fail

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

RYB 97, 119, 111 Background



This preview shows how black text looks on a background with the RYB color 97, 119, 111.



This preview shows how white text looks on a background with the RYB color 97, 119, 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


97, 119, 111

Protanopia

105, 121, 95

Deuteranopia

131, 116, 99



Tritanopia
109, 113, 124

Trichromacy



Original Color

97, 119, 111

Protanomaly

96, 116, 97

Deuteranomaly

112, 122, 98

Tritanomaly

108, 113, 116

Monochromacy



Original Color

97, 119, 111

Achromatopsia

112, 112, 112

Achromatomaly

107, 115, 113

CSS Examples

Text

The CSS property to change the color of the text to RYB 97, 119, 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(105, 119, 97)` looks like.

```
.text, #text, p{  
    color:rgb(105, 119, 97)  
}
```

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(105, 119, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 119, 97) }
```

Border

The CSS property to change the border of an element to RYB 97, 119, 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(105, 119, 97) }
```

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

```
.border{ border-color:rgb(105, 119, 97) }
```

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

Here you see how a box with a 4 pixel rgb(105, 119, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 119, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 119, 97);  
box-shadow:4px 4px 4px 4px rgb(105, 119,  
97) }
```

Background

The CSS property to change the background color of an element to RYB 97, 119, 111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 119, 97) }
```

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

```
.background{ background-color: rgb(105,  
119, 97) }
```

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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