

Converting Colors

`RYB(97, 127, 113)`

Have a look what the booklet for
RYB(97, 127, 113) contains.

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Color

RYB(97, 127, 113)

Conversions

Conversions Part 1

Format	Color
Hex	6F7F61
RGB	111, 127, 97
RGB Percent	44%, 50%, 38%
CMY	0.5647, 0.5020, 0.6196
CMYK	0.13, 0.00, 0.24, 0.50
HSL	92°, 13%, 44%
HSV	92°, 24%, 50%
XYZ	16.3026, 19.4213, 14.1987
YIQ	118.7960, 0.0940, -12.7220

Conversions

Conversions Part 2

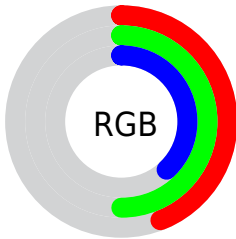
Format	Color
R_{YB}	97, 127, 113
Decimal	7307105
CIE _{Lab}	51.18, -11.75, 14.40
CIE _{LCh}	51, 18.585, 129.205
Yxy	19.4213, 0.3266, 0.3890
Android (android.graphics.Color)	4285497185 (0xFF6F7F61)
YUV	118.7960, -10.7454, -6.8371
Hunter-Lab	44.0696, -11.0897, 11.7462

Details

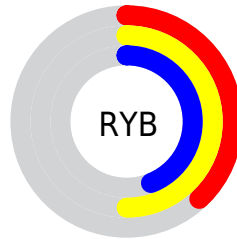
The RYB color **97, 127, 113** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **113, 97, 127**, and the grayscale version is **119, 119, 119**.

A 20% lighter version of the original color is **148, 180, 165**, and **50, 78, 65** is the 20% darker color. If you saturate the color by 10%, you get **84, 127, 107**, and if you desaturate by 10%, it is **110, 127, 119**.

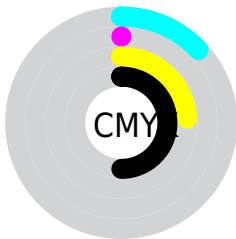
Distribution



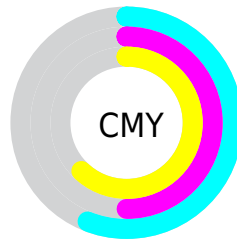
- Red (44%)
- Green (50%)
- Blue (38%)



- Red (38%)
- Yellow (50%)
- Blue (44%)



- Cyan (13%)
- Magenta (0%)
- Yellow (24%)
- Black (50%)



- Cyan (56%)
- Magenta (50%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the RYB color 97, 127, 113 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, 127, 113 by changing the saturation by 10% instead.

■ 97, 127, 113

255, 255, 255

■ 148, 180, 165

■ 174, 207, 191

■ 202, 236, 220

■ 230, 255, 239

■ 97, 127, 113

■ 84, 127, 107

■ 72, 127, 102

■ 97, 127, 113

■ 73, 102, 89

■ 50, 78, 65

■ 29, 55, 43

■ 5, 34, 18

■ 0, 8, 8

■ 0, 0, 0

■ 97, 127, 113

■ 110, 127, 119

■ 122, 127, 124

■ 59, 127, 95

■ 131, 127, 135

■ 46, 127, 89

■ 138, 127, 148

■ 33, 127, 83

■ 145, 127, 161

■ 21, 127, 78

■ 152, 127, 173

■ 8, 127, 71

■ 158, 127, 186

■ 0, 127, 68

■ 165, 127, 199

■ 172, 127, 211

Harmonies

Analogous

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



100, 129, 91



97, 127, 113



93, 118, 130

Triad

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



97, 127, 113



89, 113, 151



154, 110, 117

Complementary

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



97, 127, 113



113, 97, 127

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.



146, 112, 134



97, 127, 113



109, 119, 153

Square

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



97, 127, 113



77, 106, 141



131, 116, 147



153, 116, 103

Rectangle

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



97, 127, 113



83, 110, 131



131, 116, 147



152, 111, 123

Sweetspot

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



97, 127, 113



154, 166, 160



123, 127, 97



77, 84, 80



212, 212, 212



84, 84, 84

Same Dimension

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



97, 127, 113



119, 166, 144



97, 126, 127



57, 64, 61



0, 128, 68



0, 0, 0

Inverse Universe

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



113, 97, 127



144, 119, 166



127, 97, 126



61, 57, 64



68, 0, 128



0, 0, 0

Previews

White Background



This preview shows how the RYB color 97, 127, 113 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 97, 127, 113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

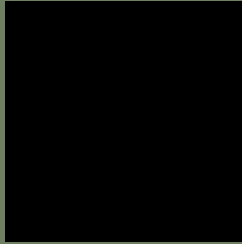
Any Text WCAG AA ✓ Pass

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](#).

R Y B 97, 127, 113 Background



This preview shows how black text looks on a background with the RYB color 97, 127, 113.



This preview shows how white text looks on a background with the RYB color 97, 127, 113.

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, 127, 113

Protanopia
104, 130, 94

Deuteranopia
141, 131, 99



Tritanopia
116, 120, 132

Trichromacy



Original Color
97, 127, 113

Protanomaly
95, 124, 96

Deuteranomaly
111, 130, 98

Tritanomaly
114, 121, 124

Monochromacy



Original Color
97, 127, 113

Achromatopsia
119, 119, 119

Achromatomaly
111, 122, 117

CSS Examples

Text

The CSS property to change the color of the text to RYB 97, 127, 113 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(111, 127, 97)` looks like.

```
.text, #text, p{  
    color:rgb(111, 127, 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(111, 127, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 127, 97) }
```

Border

The CSS property to change the border of an element to RYB 97, 127, 113 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(111, 127, 97) }
```

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

```
.border{ border-color:rgb(111, 127, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 127, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 127, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 127, 97);  
box-shadow:4px 4px 4px 4px rgb(111, 127,  
97) }
```

Background

The CSS property to change the background color of an element to RGB 97, 127, 113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 127, 97) }
```

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

```
.background{ background-color: rgb(111,  
127, 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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