

Converting Colors

`RYB(97, 114, 117)`

Have a look what the booklet for
RYB(97, 114, 117) contains.

RYB(97, 114, 117)	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(97, 114, 117)

Conversions

Conversions Part 1

Format	Color
Hex	617565
RGB	97, 117, 101
RGB Percent	38%, 46%, 40%
CMY	0.6196, 0.5412, 0.6058
CMYK	0.17, 0.00, 0.14, 0.54
HSL	131°, 9%, 42%
HSV	131°, 17%, 46%
XYZ	13.6170, 16.1944, 14.5995
YIQ	109.1960, -6.7840, -9.2160

Conversions

Conversions Part 2

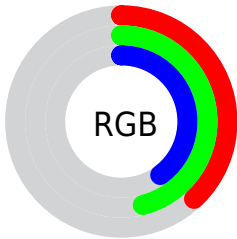
Format	Color
R_{YB}	97, 114, 117
Decimal	6387045
CIE _{Lab}	47.23, -10.91, 6.65
CIE _{LCh}	47, 12.775, 148.638
Yxy	16.1944, 0.3066, 0.3646
Android (android.graphics.Color)	4284577125 (0xFF617565)
YUV	109.1960, -4.0406, -10.6959
Hunter-Lab	40.2422, -10.0236, 6.6597

Details

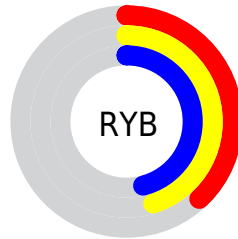
The RYB color **97, 114, 117** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **117, 97, 113**, and the grayscale version is **109, 109, 109**.

A 20% lighter version of the original color is **148, 166, 169**, and **50, 66, 69** is the 20% darker color. If you saturate the color by 10%, you get **85, 112, 117**, and if you desaturate by 10%, it is **109, 116, 117**.

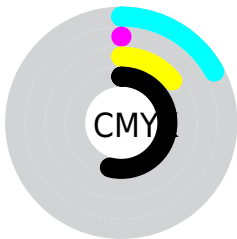
Distribution



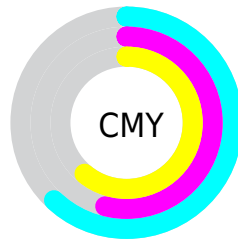
- Red (38%)
- Green (46%)
- Blue (40%)



- Red (38%)
- Yellow (45%)
- Blue (46%)



- Cyan (17%)
- Magenta (0%)
- Yellow (14%)
- Black (54%)



- Cyan (62%)
- Magenta (54%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the RYB color 97, 114, 117 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, 114, 117 by changing the saturation by 10% instead.



97, 114, 117



97, 114, 117

255, 255, 255



73, 89, 92



148, 166, 169



50, 66, 69



174, 193, 196



29, 43, 46



202, 221, 224



6, 23, 26



230, 250, 253



0, 0, 0



97, 114, 117



97, 114, 117



85, 112, 117



109, 116, 117



74, 111, 117



120, 117, 120



62, 109, 117



132, 117, 129

■ 50, 107, 117

■ 144, 117, 139

■ 39, 106, 117

■ 156, 117, 149

■ 27, 103, 117

■ 167, 117, 158

■ 15, 102, 117

■ 179, 117, 168

■ 3, 100, 117

■ 191, 117, 178

■ 0, 99, 117

■ 202, 117, 187

Harmonies

Analogous

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



93, 114, 98



97, 114, 117



87, 104, 118

Triad

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



97, 114, 117



99, 109, 133



134, 105, 102

Complementary

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



97, 114, 117



117, 97, 113

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.



133, 105, 113



97, 114, 117



113, 109, 131

Square

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



97, 114, 117



88, 105, 130



126, 106, 123



130, 117, 94

Rectangle

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



97, 114, 117



84, 101, 118



126, 106, 123



135, 105, 106

Sweetspot

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



97, 114, 117



145, 151, 153



97, 117, 100



72, 76, 77



204, 204, 204



77, 77, 77

Same Dimension

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



97, 114, 117



121, 148, 153



97, 109, 117



53, 58, 59



0, 103, 122



0, 213, 250

Inverse Universe

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



117, 97, 113



153, 121, 147



117, 97, 104



59, 53, 58



122, 0, 101



250, 0, 206

Previews

White Background



This preview shows how the RYB color 97, 114, 117 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, 114, 117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

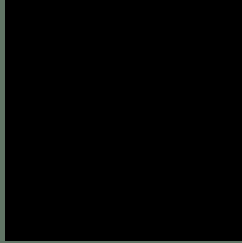
Any Text WCAG AA × Fail

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](#).

R Y B 97, 114, 117 Background



This preview shows how black text looks on a background with the RYB color 97, 114, 117.

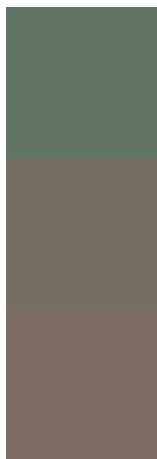


This preview shows how white text looks on a background with the RYB color 97, 114, 117.

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

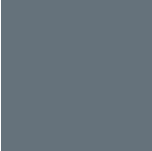
97, 114, 117

Protanopia

107, 117, 98

Deuteranopia

126, 110, 102



Tritanopia
101, 109, 123

Trichromacy



Original Color

97, 114, 117

Protanomaly

99, 113, 102

Deuteranomaly

107, 115, 101

Tritanomaly

100, 108, 115

Monochromacy



Original Color

97, 114, 117

Achromatopsia

109, 109, 109

Achromatomaly

105, 111, 112

CSS Examples

Text

The CSS property to change the color of the text to RYB 97, 114, 117 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(97, 117, 101)` looks like.

```
.text, #text, p{  
    color:rgb(97, 117, 101)  
}
```

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(97, 117, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 117, 101) }
```

Border

The CSS property to change the border of an element to RYB 97, 114, 117 is called "border". The border property can be set on classes, ids or directly on the HTML element.

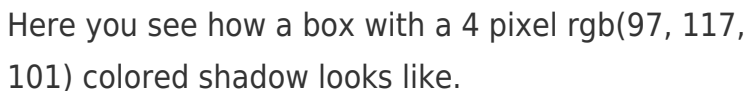
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(97, 117, 101) }
```

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

```
.border{ border-color:rgb(97, 117, 101) }
```

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



Here you see how a box with a 4 pixel `rgb(97, 117, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(97, 117, 101); -webkit-box-shadow:4px 4px 4px 4px rgb(97, 117, 101); box-shadow:4px 4px 4px 4px rgb(97, 117, 101) }
```

Background

The CSS property to change the background color of an element to RYB 97, 114, 117 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 117, 101) }
```

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

```
.background{ background-color: rgb(97, 117,  
101) }
```

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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