

Converting Colors

`RYB(97, 104, 117)`

Have a look what the booklet for
RYB(97, 104, 117) contains.

RYB(97, 104, 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, 104, 117)

Conversions

Conversions Part 1

Format	Color
Hex	616C75
RGB	97, 108, 117
RGB Percent	38%, 42%, 46%
CMY	0.6196, 0.5774, 0.5412
CMYK	0.17, 0.08, 0.00, 0.54
HSL	208°, 9%, 42%
HSV	208°, 17%, 46%
XYZ	13.4789, 14.5023, 18.9184
YIQ	105.7370, -9.4450, 0.4670

Conversions

Conversions Part 2

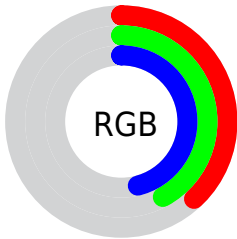
Format	Color
R_{YB}	97, 104, 117
Decimal	6384757
CIE _{Lab}	44.94, -1.95, -6.52
CIE _{LCh}	45, 6.811, 253.342
Yxy	14.5023, 0.2874, 0.3092
Android (android.graphics.Color)	4284574837 (0xFF616C75)
YUV	105.7370, 5.5527, -7.6623
Hunter-Lab	38.0818, -3.4638, -2.7970

Details

The RYB color **97, 104, 117** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **117, 113, 97**, and the grayscale version is **106, 106, 106**.

A 20% lighter version of the original color is **148, 155, 169**, and **50, 57, 69** is the 20% darker color. If you saturate the color by 10%, you get **85, 96, 117**, and if you desaturate by 10%, it is **109, 112, 117**.

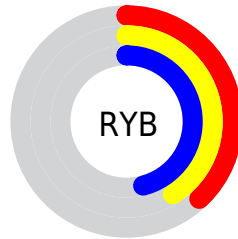
Distribution



Red (38%)

Green (42%)

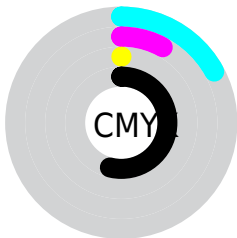
Blue (46%)



Red (38%)

Yellow (41%)

Blue (46%)

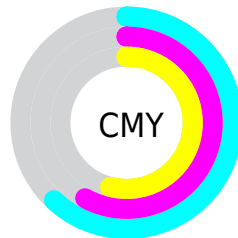


Cyan (17%)

Magenta (8%)

Yellow (0%)

Black (54%)



Cyan (62%)

Magenta (58%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 97, 104, 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, 104, 117 by changing the saturation by 10% instead.



97, 104, 117



97, 104, 117

255, 255, 255



73, 80, 92



148, 155, 169



50, 57, 69



174, 182, 196



29, 35, 47



202, 210, 224



5, 13, 26



230, 238, 253



0, 0, 0



97, 104, 117



97, 104, 117



85, 96, 117



109, 112, 117



74, 89, 117



119, 120, 117



62, 81, 117



132, 130, 117

■ 50, 73, 117

■ 144, 139, 117

■ 39, 66, 117

■ 156, 150, 117

■ 27, 58, 117

■ 167, 160, 117

■ 15, 51, 117

■ 179, 171, 117

■ 3, 43, 117

■ 191, 180, 117

■ 0, 41, 117

■ 202, 189, 117

Harmonies

Analogous

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



93, 102, 114



97, 104, 117



104, 106, 117

Triad

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



97, 104, 117



119, 103, 104



98, 108, 104

Complementary

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



97, 104, 117



117, 113, 97

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.



96, 108, 95



97, 104, 117



118, 104, 99

Square

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



97, 104, 117



116, 103, 110



114, 114, 96



96, 104, 109

Rectangle

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



97, 104, 117



108, 105, 116



114, 114, 96



97, 108, 101

Sweetspot

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



97, 104, 117



145, 148, 153



97, 111, 117



72, 73, 77



204, 204, 204



77, 77, 77

Same Dimension

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



97, 104, 117



121, 132, 153



97, 98, 117



53, 55, 59



0, 43, 122



0, 88, 250

Inverse Universe

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



117, 97, 108



153, 121, 138



98, 117, 97



59, 53, 56



122, 0, 66



250, 0, 135

Previews

White Background



This preview shows how the RYB color 97, 104, 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, 104, 117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

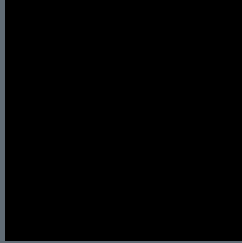
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

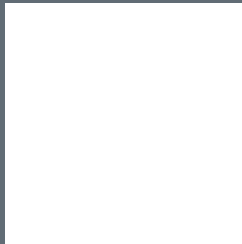
Any Text WCAG AAA × Fail

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

RYB 97, 104, 117 Background



This preview shows how black text looks on a background with the RYB color 97, 104, 117.



This preview shows how white text looks on a background with the RYB color 97, 104, 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, 104, 117](#)

Protanopia

[105, 105, 116](#)

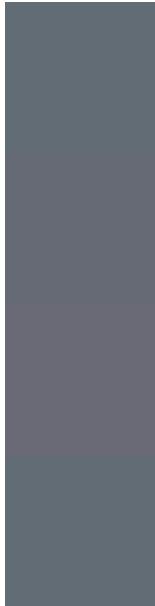
Deuteranopia

[111, 103, 118](#)



Tritanopia
97, 104, 116

Trichromacy



Original Color

97, 104, 117

Protanomaly

102, 105, 116

Deuteranomaly

106, 105, 118

Tritanomaly

97, 104, 116

Monochromacy



Original Color

97, 104, 117

Achromatopsia

106, 106, 106

Achromatomaly

103, 106, 110

CSS Examples

Text

The CSS property to change the color of the text to RYB 97, 104, 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, 108, 117) looks like.

```
.text, #text, p{  
    color:rgb(97, 108, 117)  
}
```

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, 108, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 108, 117) }
```

Border

The CSS property to change the border of an element to RYB 97, 104, 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, 108, 117) }
```

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

```
.border{ border-color:rgb(97, 108, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 108, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 108, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 108, 117);  
box-shadow:4px 4px 4px 4px rgb(97, 108,  
117) }
```

Background

The CSS property to change the background color of an element to RGB 97, 104, 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, 108, 117) }
```

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

```
.background{ background-color: rgb(97, 108,  
117) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor