Converting Colors

RYB(97, 123, 140)

Have a look what the booklet for RYB(97, 123, 140) contains.

Color

RYB(97, 123, 140)

Conversions

Conversions Part 1

Format	Color
Hex	618C7D
RGB	97, 140, 125
RGB Percent	38%, 55%, 49%
CMY	0.6196, 0.4510, 0.5094
CMYK	0.31, 0.00, 0.11, 0.45
HSL	159°, 18%, 46%
HSV	159°, 31%, 55%
XYZ	18.0169, 22.7812, 22.8883
YIQ	125.4330, -20.8130, -13.7810

Conversions

Conversions Part 2

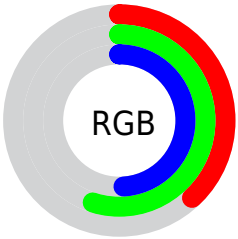
Format	Color
RYB	97, 123, 140
Decimal	6392957
CIELab	54.85, -18.15, 3.23
CIELCh	55, 18.435, 169.907
Yxy	22.7812, 0.2829, 0.3577
Android (android.graphics.Color)	4284583037 (0xFF618C7D)
YUV	125.4330, -0.2135, -24.9357
Hunter-Lab	47.7296, -16.1470, 4.9787

Details

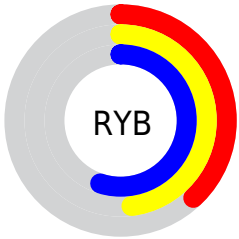
The RYB color 97, 123, 140 is a dark color, and the websafe version is hex 669999. A complement of this color would be 140, 97, 112, and the grayscale version is 125, 125, 125.

A 20% lighter version of the original color is 149, 176, 194, and 48, 73, 90 is the 20% darker color. If you saturate the color by 10%, you get 83, 118, 140, and if you desaturate by 10%, it is 111, 129, 140.

Distribution

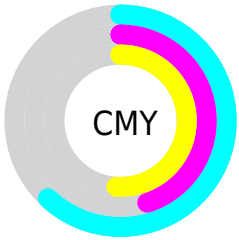


- Red (38%)
- Green (55%)
- Blue (49%)



- Red (38%)
- Yellow (48%)
- Blue (55%)

- Cyan (31%)
- Magenta (0%)
- Yellow (11%)
- Black (45%)



- Cyan (62%)
- Magenta (45%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 97, 123, 140 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, 123, 140 by changing the saturation by 10% instead.

97, 123, 140	97, 123, 140
255, 255, 255	72, 97, 114
149, 176, 194	48, 73, 90
176, 204, 222	24, 49, 66
204, 232, 250	0, 25, 44
232, 244, 255	0, 18, 25
	0, 0, 0

97, 123, 140	97, 123, 140
83, 118, 140	111, 129, 140
69, 112, 140	125, 134, 140

55, 106, 140

41, 101, 140

27, 95, 140

13, 90, 140

0, 84, 140

139, 140, 140

153, 140, 145

167, 140, 149

181, 140, 154

195, 140, 159

209, 140, 164

223, 140, 169

Harmonies

Analogous

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

110, 138, 134

97, 123, 140

87, 114, 141

Triad

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

97, 123, 140

127, 129, 161

160, 129, 108

Complementary

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

97, 123, 140

140, 97, 112

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.

164, 120, 121

97, 123, 140

147, 124, 152

Square

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

97, 123, 140

105, 124, 162

160, 120, 137

134, 148, 100

Rectangle

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

97, 123, 140

87, 116, 151

160, 120, 137

162, 125, 112

Sweetspot

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

97, 123, 140

165, 175, 181

97, 140, 125

82, 88, 92

219, 219, 219

92, 92, 92

Same Dimension

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

97, 123, 140

114, 154, 181

97, 117, 140

62, 66, 69

0, 80, 133

0, 3, 5

Inverse Universe

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

140, 97, 112

181, 114, 137

140, 104, 97

69, 62, 64

133, 0, 46

5, 0, 2

Previews

White Background

This preview shows how the RYB color 97, 123, 140 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

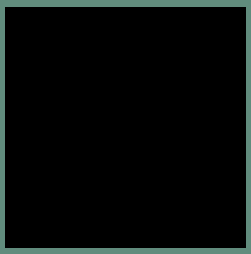
This preview shows how the RYB color 97, 123, 140 looks on a black background.

Color Contrast Check

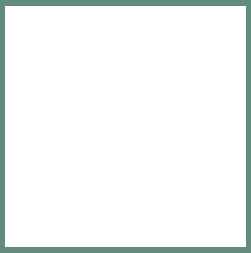
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RYB 97, 123, 140 Background



This preview shows how black text looks on a background with the RYB color 97, 123, 140.



This preview shows how white text looks on a background with the RYB color 97, 123, 140.

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, 123, 140

Protanopia
130, 136, 120

Deuteranopia
144, 126, 128

Tritanopia
102, 122, 148

Trichromacy

Original Color
97, 123, 140

Protanomaly
122, 134, 134

Deuteranomaly
127, 131, 131

Tritanomaly
100, 119, 140

Monochromacy

Original Color
97, 123, 140

Achromatopsia
125, 125, 125

Achromatomaly
115, 124, 130

CSS Examples

Text

The CSS property to change the color of the text to RYB 97, 123, 140 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, 140, 125) looks like.

```
.text, #text, p{
    color:rgb(97, 140, 125)
}
```

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, 140, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 140, 125) }
```

Border

The CSS property to change the border of an element to RYB 97, 123, 140 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, 140, 125) }
```

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

```
.border{ border-color:rgb(97, 140, 125) }
```

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

Here you see how a box with a 4 pixel rgb(97, 140, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(97, 140, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(97, 140, 125); box-shadow:4px 4px 4px 4px rgb(97, 140, 125) }
```

Background

The CSS property to change the background color of an element to RYB 97, 123, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(97, 140, 125) }
```

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

```
.background{ background-color:rgb(97, 140,
125) }
```

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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