

Converting Colors

`RYB(97, 132, 139)`

Have a look what the booklet for
RYB(97, 132, 139) contains.

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Color

R_YB(97, 132, 139)

Conversions

Conversions Part 1

Format	Color
Hex	618B69
RGB	97, 139, 105
RGB Percent	38%, 55%, 41%
CMY	0.6196, 0.4549, 0.5867
CMYK	0.30, 0.00, 0.24, 0.45
HSL	132°, 18%, 46%
HSV	132°, 30%, 55%
XYZ	16.7328, 22.0348, 16.8439
YIQ	122.5660, -14.1180, -19.4780

Conversions

Conversions Part 2

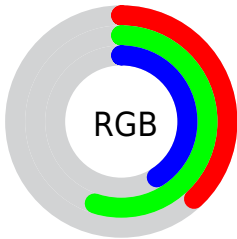
Format	Color
R_{YB}	97, 132, 139
Decimal	6392681
CIE Lab	54.06, -21.77, 13.44
CIE LCh	54, 25.583, 148.318
Yxy	22.0348, 0.3009, 0.3962
Android (android.graphics.Color)	4284582761 (0xFF618B69)
YUV	122.5660, -8.6600, -22.4214
Hunter-Lab	46.9412, -18.5186, 11.5839

Details

The RYB color **97, 132, 139** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **139, 97, 131**, and the grayscale version is **123, 123, 123**.

A 20% lighter version of the original color is **149, 187, 193**, and **48, 81, 89** is the 20% darker color. If you saturate the color by 10%, you get **83, 130, 139**, and if you desaturate by 10%, it is **111, 134, 139**.

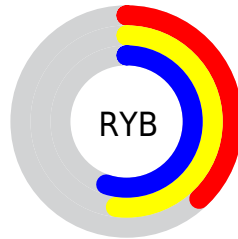
Distribution



Red (38%)

Green (55%)

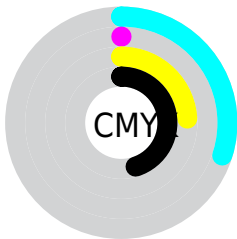
Blue (41%)



Red (38%)

Yellow (52%)

Blue (55%)

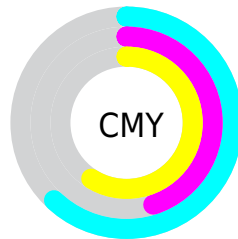


Cyan (30%)

Magenta (0%)

Yellow (24%)

Black (45%)



Cyan (62%)

Magenta (45%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 97, 132, 139 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, 132, 139 by changing the saturation by 10% instead.

■ 97, 132, 139

255, 255, 255

■ 149, 186, 193

■ 176, 214, 221

■ 203, 242, 249

■ 232, 249, 255

■ 97, 132, 139

■ 83, 130, 139

■ 69, 127, 139

■ 97, 132, 139

■ 72, 106, 113

■ 48, 81, 89

■ 25, 56, 65

■ 1, 33, 43

■ 0, 23, 23

■ 0, 0, 0

■ 97, 132, 139

■ 111, 134, 139

■ 125, 137, 139

■ 55, 125, 139

■ 139, 139, 139

■ 41, 122, 139

■ 153, 139, 150

■ 28, 121, 139

■ 167, 139, 161

■ 14, 118, 139

■ 180, 139, 172

■ 0, 116, 139

■ 194, 139, 183

■ 208, 139, 194

■ 222, 139, 205

Harmonies

Analogous

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



90, 134, 101



97, 132, 139



72, 110, 141

Triad

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



97, 132, 139



98, 121, 173



173, 114, 109

Complementary

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



97, 132, 139



139, 97, 131

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.



171, 113, 131



97, 132, 139



131, 124, 168

Square

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



97, 132, 139



67, 108, 166



156, 117, 153



164, 138, 92

Rectangle

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



97, 132, 139



59, 100, 142



156, 117, 153



173, 113, 116

Sweetspot

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



97, 132, 139



165, 178, 181



97, 139, 105



82, 90, 92



219, 219, 219



92, 92, 92

Same Dimension

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



97, 132, 139



116, 170, 181



97, 122, 139



62, 68, 69



0, 111, 133



0, 4, 5

Inverse Universe

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



139, 97, 131



181, 116, 168



139, 97, 110



69, 62, 67



133, 0, 106



5, 0, 4

Previews

White Background



This preview shows how the RYB color 97, 132, 139 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, 132, 139 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, 132, 139 Background



This preview shows how black text looks on a background with the RYB color 97, 132, 139.



This preview shows how white text looks on a background with the RYB color 97, 132, 139.

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, 132, 139

Protanopia

111, 137, 101

Deuteranopia

148, 133, 109



Tritanopia
105, 122, 145

Trichromacy



Original Color

97, 132, 139

Protanomaly

103, 133, 114

Deuteranomaly

108, 129, 108

Tritanomaly

102, 120, 136

Monochromacy



Original Color

97, 132, 139

Achromatopsia

123, 123, 123

Achromatomaly

114, 127, 129

CSS Examples

Text

The CSS property to change the color of the text to RYB 97, 132, 139 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, 139, 105)` looks like.

```
.text, #text, p{  
    color:rgb(97, 139, 105)  
}
```

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, 139, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 139, 105) }
```

Border

The CSS property to change the border of an element to RYB 97, 132, 139 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, 139, 105) }
```

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

```
.border{ border-color:rgb(97, 139, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 139, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 139, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 139, 105);  
box-shadow:4px 4px 4px 4px rgb(97, 139,  
105) }
```

Background

The CSS property to change the background color of an element to RGB 97, 132, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 139, 105) }
```

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

```
.background{ background-color: rgb(97, 139,  
105) }
```

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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