

Converting Colors

`RYB(123, 139, 154)`

Have a look what the booklet for
RYB(123, 139, 154) contains.

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Color

`RYB(123, 139, 154)`

Conversions

Conversions Part 1	
Format	Color
Hex	7B9A98
RGB	123, 154, 152
RGB Percent	48%, 60%, 60%
CMY	0.5176, 0.3961, 0.4037
CMYK	0.20, 0.00, 0.01, 0.40
HSL	176°, 13%, 54%
HSV	176°, 20%, 60%
XYZ	25.3966, 29.5912, 34.1057
YIQ	144.5030, -17.8340, -7.1940

Conversions

Conversions Part 2

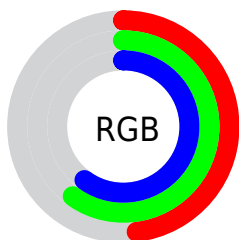
Format	Color
RYB	123, 139, 154
Decimal	8100504
CIELab	61.30, -11.14, -2.55
CIELCh	61, 11.433, 192.894
Yxy	29.5912, 0.2851, 0.3321
Android (android.graphics.Color)	4286290584 (0xFF7B9A98)
YUV	144.5030, 3.6960, -18.8581
Hunter-Lab	54.3978, -11.8602, 0.9055

Details

The RYB color **123, 139, 154** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **154, 123, 125**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **176, 193, 208**, and **73, 89, 103** is the 20% darker color. If you saturate the color by 10%, you get **108, 132, 154**, and if you desaturate by 10%, it is **138, 146, 154**.

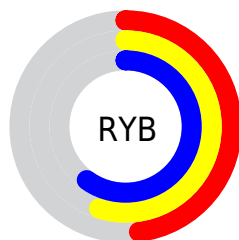
Distribution



Red (48%)

Green (60%)

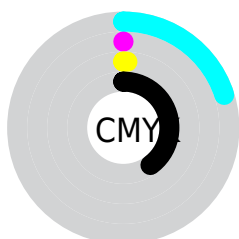
Blue (60%)



Red (48%)

Yellow (55%)

Blue (60%)

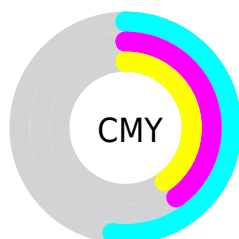


Cyan (20%)

Magenta (0%)

Yellow (1%)

Black (40%)



Cyan (52%)

Magenta (40%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 123, 139, 154 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 123, 139, 154 by changing the saturation by 10% instead.

 123, 139, 154


255, 255, 255

 176, 193, 208


 204, 221, 237

 232, 244, 255

 123, 139, 154

 98, 114, 128

 73, 89, 103

 50, 65, 79

 27, 42, 56

 5, 20, 34

 0, 5, 11


 0, 0, 0


 123, 139, 154


 108, 132, 154

 123, 139, 154


 138, 146, 154

 92, 124, 154


 154, 154, 154


 77, 117, 154

 169, 154, 155

 61, 109, 154

 185, 154, 156


 46, 102, 154

 200, 154, 157

 31, 95, 154

 215, 154, 158

 15, 87, 154

 231, 154, 159

 0, 80, 154

 246, 154, 160

 255, 154, 161

Harmonies

Analogous

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



129, 145, 154



123, 139, 154



123, 140, 161

Triad

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



123, 139, 154



155, 144, 163



162, 160, 129

Complementary

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



123, 139, 154



154, 123, 125

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.



168, 146, 135



123, 139, 154



165, 142, 154

Square

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



123, 139, 154



143, 146, 168



170, 141, 144



131, 152, 128

Rectangle

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



123, 139, 154



128, 143, 166



170, 141, 144



164, 154, 130

Sweetspot

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



123, 139, 154



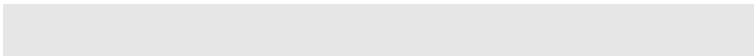
189, 195, 201



123, 154, 152



95, 99, 102



230, 230, 230



102, 102, 102

Same Dimension

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



123, 139, 154



153, 178, 201



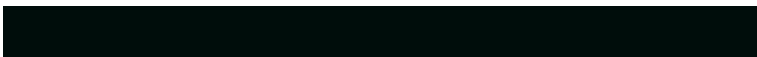
123, 134, 154



69, 73, 77



0, 72, 140



0, 7, 13

Inverse Universe

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



154, 123, 125



201, 153, 156



154, 145, 123



77, 69, 69



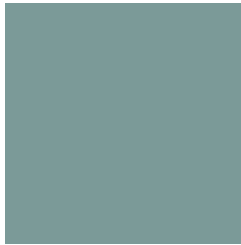
140, 0, 9



13, 0, 1

Previews

White Background



This preview shows how the RYB color 123, 139, 154 looks on a white background.

Color Contrast Check

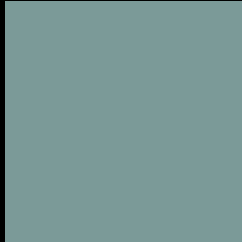
Large Text (above 18pt) WCAG AA ✓ Pass

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 123, 139, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

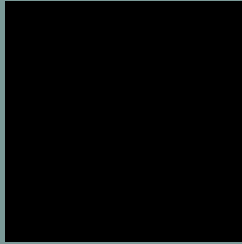
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

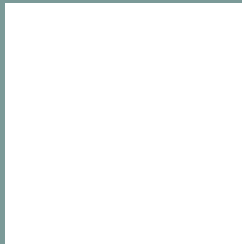
Any Text WCAG AAA × Fail

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

RYB 123, 139, 154 Background



This preview shows how black text looks on a background with the RYB color 123, 139, 154.

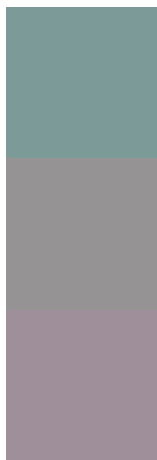


This preview shows how white text looks on a background with the RYB color 123, 139, 154.

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


123, 139, 154

Protanopia

150, 147, 148

Deuteranopia



159, 143, 154




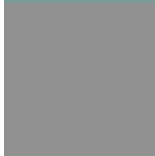

Tritanopia

125, 141, 164

Trichromacy

	Original Color 123, 139, 154
	Protanomaly 140, 145, 150
	Deuteranomaly 146, 147, 153
	Tritanomaly 124, 140, 160

Monochromacy

	Original Color 123, 139, 154
	Achromatopsia 145, 145, 145
	Achromatomaly 137, 143, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 123, 139, 154 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(123, 154, 152) looks like.

```
.text, #text, p{  
    color:rgb(123, 154, 152)  
}
```

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(123, 154, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 154, 152) }
```

Border

The CSS property to change the border of an element to RYB 123, 139, 154 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(123, 154, 152) }
```

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

```
.border{ border-color:rgb(123, 154, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 154, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 154, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 154, 152);  
box-shadow:4px 4px 4px 4px rgb(123, 154,  
152) }
```

Background

The CSS property to change the background color of an element to RGB 123, 139, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 154, 152) }
```

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

```
.background{ background-color: rgb(123,  
154, 152) }
```

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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