

Converting Colors

`RYB(138, 153, 144)`

Have a look what the booklet for
RYB(138, 153, 144) contains.

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Color

R_YB(138, 153, 144)

Conversions

Conversions Part 1

Format	Color
Hex	93998A
RGB	147, 153, 138
RGB Percent	58%, 60%, 54%
CMY	0.4235, 0.4000, 0.4588
CMYK	0.04, 0.00, 0.10, 0.40
HSL	84°, 7%, 57%
HSV	84°, 10%, 60%
XYZ	28.0113, 30.8205, 28.5174
YIQ	149.4960, 1.2390, -5.9370

Conversions

Conversions Part 2

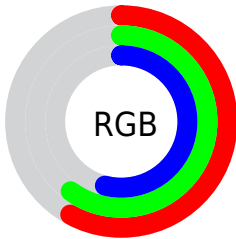
Format	Color
RYB	138, 153, 144
Decimal	9673098
CIELab	62.36, -5.00, 7.13
CIELCh	62, 8.714, 125.040
Yxy	30.8205, 0.3207, 0.3528
Android (android.graphics.Color)	4287863178 (0xFF93998A)
YUV	149.4960, -5.6675, -2.1890
Hunter-Lab	55.5162, -7.0893, 8.4055

Details

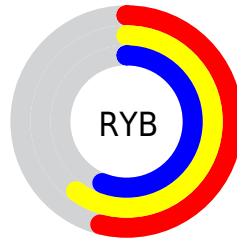
The RYB color **138, 153, 144** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **144, 138, 153**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **191, 207, 197**, and **88, 102, 94** is the 20% darker color. If you saturate the color by 10%, you get **123, 153, 135**, and if you desaturate by 10%, it is **153, 153, 153**.

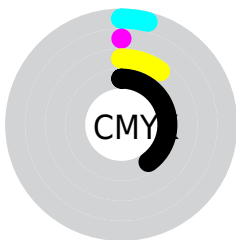
Distribution



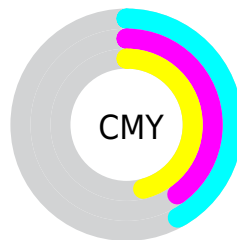
- Red (58%)
- Green (60%)
- Blue (54%)



- Red (54%)
- Yellow (60%)
- Blue (56%)



- Cyan (4%)
- Magenta (0%)
- Yellow (10%)
- Black (40%)




- Cyan (42%)
- Magenta (40%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 138, 153, 144 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 138, 153, 144 by changing the saturation by 10% instead.

 138, 153, 144


255, 255, 255

 191, 207, 197

 219, 236, 226


 248, 255, 248

 138, 153, 144

 113, 127, 119

 88, 102, 94

 65, 78, 70

 43, 55, 48

 22, 34, 27

 0, 12, 12

 0, 0, 0

 138, 153, 144

 123, 153, 135

 138, 153, 144

 153, 153, 153

■ 107, 153, 125

■ 159, 153, 169

■ 92, 153, 116

■ 165, 153, 184

■ 77, 153, 107

■ 171, 153, 199

■ 62, 153, 99

■ 178, 153, 214

■ 46, 153, 89

■ 184, 153, 230

■ 31, 153, 80

■ 190, 153, 245

■ 16, 153, 71

■ 196, 153, 255

■ 0, 153, 61

■ 202, 153, 255

Harmonies

Analogous

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



142, 156, 135



138, 153, 144



139, 151, 155

Triad

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



138, 153, 144



136, 147, 164



167, 146, 150

Complementary

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



138, 153, 144



144, 138, 153

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.



162, 146, 157



138, 153, 144



144, 149, 166

Square

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



138, 153, 144



132, 144, 159



154, 148, 163



167, 147, 142

Rectangle

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



138, 153, 144



134, 146, 155



154, 148, 163



166, 146, 152

Sweetspot

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



138, 153, 144



193, 199, 195



153, 148, 138



95, 99, 96



227, 227, 227



99, 99, 99

Same Dimension

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



138, 153, 144



175, 199, 185



138, 153, 152



69, 77, 73



0, 140, 56



0, 13, 5

Inverse Universe

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



144, 138, 153



185, 175, 199



152, 138, 153



72, 69, 77



56, 0, 140



5, 0, 13

Previews

White Background



This preview shows how the RYB color 138, 153, 144 looks on a white background.

Color Contrast Check

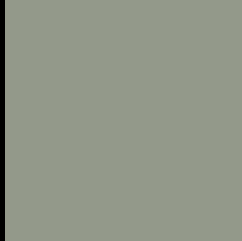
Large Text (above 18pt) WCAG AA × Fail

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 138, 153, 144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

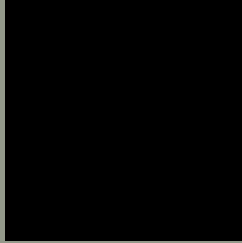
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

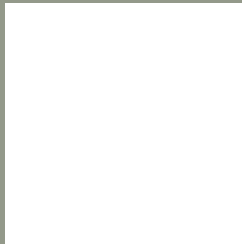
Any Text WCAG AAA ✓ Pass

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

RYB 138, 153, 144 Background



This preview shows how black text looks on a background with the RYB color 138, 153, 144.



This preview shows how white text looks on a background with the RYB color 138, 153, 144.

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

138, 153, 144

Protanopia

147, 157, 136

Deuteranopia

169, 146, 140



Tritanopia
151, 150, 161

Trichromacy



Original Color

138, 153, 144

Protanomaly

139, 153, 137

Deuteranomaly

161, 154, 139

Tritanomaly

150, 151, 153

Monochromacy



Original Color

138, 153, 144

Achromatopsia

149, 149, 149

Achromatomaly

145, 150, 147

CSS Examples

Text

The CSS property to change the color of the text to RGB 138, 153, 144 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(147, 153, 138) looks like.

```
.text, #text, p{  
    color:rgb(147, 153, 138)  
}
```

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(147, 153, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 153, 138) }
```

Border

The CSS property to change the border of an element to RYB 138, 153, 144 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(147, 153, 138) }
```

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

```
.border{ border-color:rgb(147, 153, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 153, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 153, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 153, 138);  
box-shadow:4px 4px 4px 4px rgb(147, 153,  
138) }
```

Background

The CSS property to change the background color of an element to RYB 138, 153, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 153, 138) }
```

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

```
.background{ background-color: rgb(147,  
153, 138) }
```

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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