

Converting Colors

`RYB(137, 159, 144)`

Have a look what the booklet for
RYB(137, 159, 144) contains.

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Color

R_YB(137, 159, 144)

Conversions

Conversions Part 1

Format	Color
Hex	989F89
RGB	152, 159, 137
RGB Percent	60%, 62%, 54%
CMY	0.4039, 0.3765, 0.4627
CMYK	0.04, 0.00, 0.14, 0.38
HSL	79°, 10%, 58%
HSV	79°, 14%, 62%
XYZ	29.8624, 33.2778, 28.5163
YIQ	154.3990, 2.8900, -8.3260

Conversions

Conversions Part 2

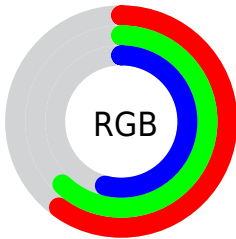
Format	Color
RYB	137, 159, 144
Decimal	10002313
CIELab	64.39, -6.58, 10.64
CIELCh	64, 12.505, 121.733
Yxy	33.2778, 0.3258, 0.3631
Android (android.graphics.Color)	4288192393 (0xFF989F89)
YUV	154.3990, -8.5777, -2.1039
Hunter-Lab	57.6869, -8.5493, 11.0722

Details

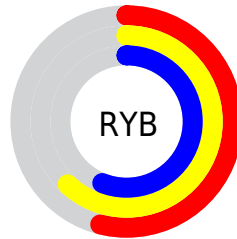
The RYB color **137, 159, 144** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **144, 137, 159**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **190, 214, 198**, and **87, 108, 94** is the 20% darker color. If you saturate the color by 10%, you get **121, 159, 133**, and if you desaturate by 10%, it is **153, 159, 155**.

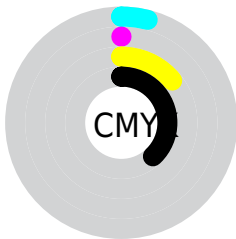
Distribution



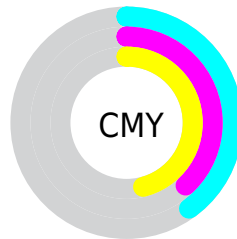
- Red (60%)
- Green (62%)
- Blue (54%)



- Red (54%)
- Yellow (62%)
- Blue (56%)



- Cyan (4%)
- Magenta (0%)
- Yellow (14%)
- Black (38%)



- Cyan (40%)
- Magenta (38%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 137, 159, 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 137, 159, 144 by changing the saturation by 10% instead.

 137, 159, 144

255, 255, 255


 190, 214, 198

 218, 242, 225

 247, 255, 247


 137, 159, 144

 112, 133, 119

 87, 108, 94


 64, 83, 70

 42, 60, 48


 21, 39, 27

 0, 18, 10

 0, 0, 0

 137, 159, 144

 121, 159, 133

 137, 159, 144

 153, 159, 155

■ 105, 159, 122

■ 162, 159, 169

■ 89, 159, 111

■ 167, 159, 185

■ 73, 159, 100

■ 172, 159, 201

■ 57, 159, 89

■ 177, 159, 217

■ 42, 159, 79

■ 182, 159, 232

■ 26, 159, 68

■ 187, 159, 248

■ 10, 159, 57

■ 192, 159, 255

■ 0, 159, 51

■ 198, 159, 255

Harmonies

Analogous

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



149, 165, 134



137, 159, 144



140, 158, 162

Triad

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



137, 159, 144



133, 149, 175



179, 148, 156

Complementary

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



137, 159, 144



144, 137, 159

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, 150, 167



137, 159, 144



145, 154, 178

Square

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



137, 159, 144



128, 146, 167



159, 153, 175



180, 150, 145

Rectangle

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



137, 159, 144



133, 151, 163



159, 153, 175



177, 149, 160

Sweetspot

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



137, 159, 144



198, 207, 201



159, 147, 137



99, 105, 101



232, 232, 232



105, 105, 105

Same Dimension

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



137, 159, 144



171, 207, 183



137, 159, 155



71, 79, 73



0, 143, 46



0, 15, 5

Inverse Universe

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



144, 137, 159



183, 171, 207



155, 137, 159



74, 71, 79



45, 0, 143



5, 0, 15

Previews

White Background



This preview shows how the RYB color 137, 159, 144 looks on a white background.

Color Contrast Check

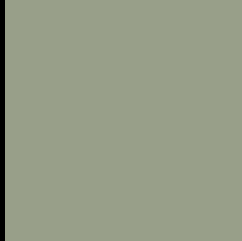
Large Text (above 18pt) WCAG AA × Fail

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 137, 159, 144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

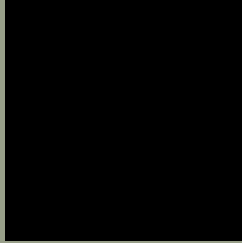
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

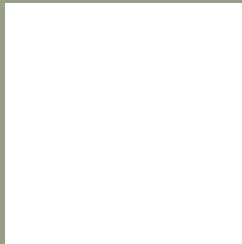
Any Text WCAG AAA ✓ Pass

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

RYB 137, 159, 144 Background



This preview shows how black text looks on a background with the RYB color 137, 159, 144.



This preview shows how white text looks on a background with the RYB color 137, 159, 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

137, 159, 144

Protanopia

146, 164, 135

Deuteranopia

177, 154, 139



Tritanopia

156, 155, 167

Trichromacy



Original Color
137, 159, 144

Protanomaly
139, 160, 136

Deuteranomaly
168, 168, 138

Tritanomaly
155, 156, 156

Monochromacy



Original Color
137, 159, 144

Achromatopsia
154, 154, 154

Achromatomaly
148, 156, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 137, 159, 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(152, 159, 137)` looks like.

```
.text, #text, p{  
    color:rgb(152, 159, 137)  
}
```

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(152, 159, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 159, 137) }
```

Border

The CSS property to change the border of an element to RYB 137, 159, 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(152, 159, 137) }
```

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

```
.border{ border-color:rgb(152, 159, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 159, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 159, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 159, 137);  
box-shadow:4px 4px 4px 4px rgb(152, 159,  
137) }
```

Background

The CSS property to change the background color of an element to RYB 137, 159, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 159, 137) }
```

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

```
.background{ background-color: rgb(152,  
159, 137) }
```

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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