

Converting Colors

`RYB(137, 151, 145)`

Have a look what the booklet for
RYB(137, 151, 145) contains.

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Color

R_YB(137, 151, 145)

Conversions

Conversions Part 1

Format	Color
Hex	8F9789
RGB	143, 151, 137
RGB Percent	56%, 59%, 54%
CMY	0.4392, 0.4078, 0.4627
CMYK	0.05, 0.00, 0.09, 0.41
HSL	94°, 6%, 56%
HSV	94°, 9%, 59%
XYZ	26.9097, 29.7790, 27.9965
YIQ	147.0120, -0.2740, -6.0500

Conversions

Conversions Part 2

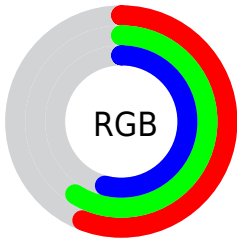
Format	Color
R_{YB}	137, 151, 145
Decimal	9410441
CIE Lab	61.46, -5.58, 6.38
CIE LCh	61, 8.472, 131.155
Yxy	29.7790, 0.3178, 0.3516
Android (android.graphics.Color)	4287600521 (0xFF8F9789)
YUV	147.0120, -4.9359, -3.5185
Hunter-Lab	54.5701, -7.4757, 7.7811

Details

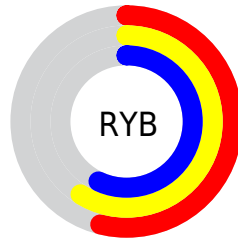
The RYB color **137, 151, 145** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **145, 137, 151**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **190, 205, 198**, and **87, 100, 94** is the 20% darker color. If you saturate the color by 10%, you get **122, 151, 139**, and if you desaturate by 10%, it is **152, 151, 152**.

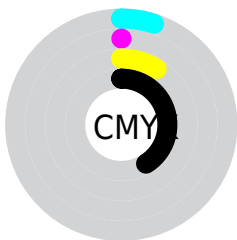
Distribution



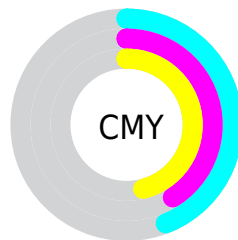
- Red (56%)
- Green (59%)
- Blue (54%)



- Red (54%)
- Yellow (59%)
- Blue (57%)



- Cyan (5%)
- Magenta (0%)
- Yellow (9%)
- Black (41%)



- Cyan (44%)
- Magenta (41%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 137, 151, 145 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, 151, 145 by changing the saturation by 10% instead.

 137, 151, 145


255, 255, 255

 190, 205, 198

 218, 233, 226

 247, 255, 249

 137, 151, 145

 112, 125, 120

 87, 100, 94


 64, 76, 71

 42, 54, 49


 22, 32, 28

 0, 9, 9


 0, 0, 0


 137, 151, 145


 122, 151, 139


 137, 151, 145


 152, 151, 152

 107, 151, 132


 160, 151, 167

 92, 151, 126


 169, 151, 182

 77, 151, 120


 178, 151, 197

 61, 151, 112

 186, 151, 213


 46, 151, 106


 195, 151, 228


 31, 151, 99

 203, 151, 243

 16, 151, 93

 212, 151, 255

 1, 151, 87

 221, 151, 255

Harmonies

Analogous

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



138, 152, 134



137, 151, 145



135, 147, 153

Triad

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



137, 151, 145



136, 145, 162



165, 143, 146

Complementary

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



137, 151, 145



145, 137, 151

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.



161, 144, 153



137, 151, 145



144, 147, 163

Square

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



137, 151, 145



131, 143, 158



153, 146, 160



164, 145, 139

Rectangle

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



137, 151, 145



132, 144, 153



153, 146, 160



164, 143, 148

Sweetspot

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



137, 151, 145



190, 196, 193



148, 151, 137



95, 99, 97



227, 227, 227



99, 99, 99

Same Dimension

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



137, 151, 145



175, 196, 187



137, 150, 151



69, 77, 74



0, 140, 80



0, 13, 8

Inverse Universe

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



145, 137, 151



187, 175, 196



151, 137, 150



73, 69, 77



80, 0, 140



7, 0, 13

Previews

White Background



This preview shows how the RYB color 137, 151, 145 looks on a white background.

Color Contrast Check

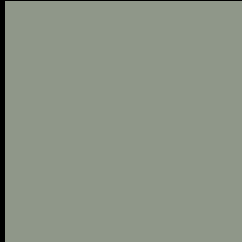
Large Text (above 18pt) WCAG AA ✓ Pass

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 137, 151, 145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

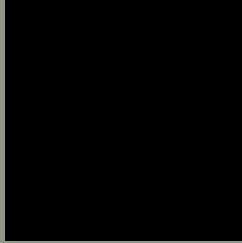
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

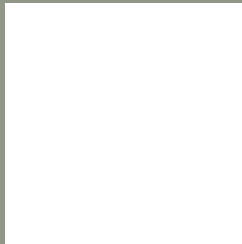
Any Text WCAG AAA × Fail

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

RYB 137, 151, 145 Background



This preview shows how black text looks on a background with the RYB color 137, 151, 145.



This preview shows how white text looks on a background with the RYB color 137, 151, 145.

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, 151, 145

Protanopia
144, 154, 135

Deuteranopia
166, 144, 139



Tritanopia

146, 148, 159

Trichromacy



Original Color

137, 151, 145

Protanomaly

137, 150, 136

Deuteranomaly

158, 151, 138

Tritanomaly

145, 147, 151

Monochromacy



Original Color

137, 151, 145

Achromatopsia

147, 147, 147

Achromatomaly

143, 148, 145

CSS Examples

Text

The CSS property to change the color of the text to RYB 137, 151, 145 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(143, 151, 137)` looks like.

```
.text, #text, p{  
    color:rgb(143, 151, 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(143, 151, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 151, 137) }
```

Border

The CSS property to change the border of an element to RYB 137, 151, 145 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(143, 151, 137) }
```

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

```
.border{ border-color:rgb(143, 151, 137) }
```

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

Here you see how a box with a 4 pixel rgb(143, 151, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 151, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 151, 137);  
box-shadow:4px 4px 4px 4px rgb(143, 151,  
137) }
```

Background

The CSS property to change the background color of an element to RYB 137, 151, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 151, 137) }
```

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

```
.background{ background-color: rgb(143,  
151, 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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