

Converting Colors

`RYB(153, 141, 151)`

Have a look what the booklet for
RYB(153, 141, 151) contains.

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Color

R_YB(153, 141, 151)

Conversions

Conversions Part 1

Format	Color
Hex	998D97
RGB	153, 141, 151
RGB Percent	60%, 55%, 59%
CMY	0.4000, 0.4471, 0.4078
CMYK	0.00, 0.08, 0.01, 0.40
HSL	310°, 6%, 58%
HSV	310°, 8%, 60%
XYZ	28.2477, 28.0564, 33.2048
YIQ	145.7280, 3.9420, 5.6540

Conversions

Conversions Part 2

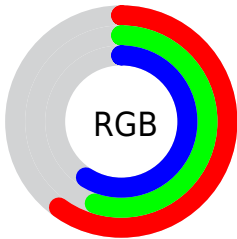
Format	Color
R_YB	153, 141, 151
Decimal	10063255
CIE Lab	59.94, 6.34, -3.69
CIE LCh	60, 7.339, 329.819
Yxy	28.0564, 0.3156, 0.3134
Android (android.graphics.Color)	4288253335 (0xFF998D97)
YUV	145.7280, 2.5991, 6.3775
Hunter-Lab	52.9683, 2.4983, -0.0899

Details

The RYB color **153, 141, 151** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **141, 151, 153**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **207, 195, 205**, and **102, 91, 100** is the 20% darker color. If you saturate the color by 10%, you get **153, 126, 148**, and if you desaturate by 10%, it is **153, 155, 156**.

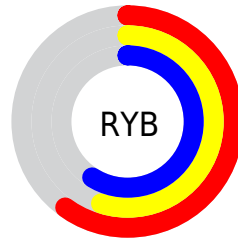
Distribution



Red (60%)

Green (55%)

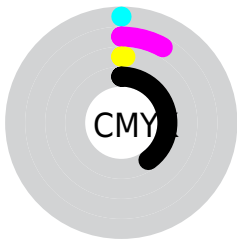
Blue (59%)



Red (60%)

Yellow (55%)

Blue (59%)

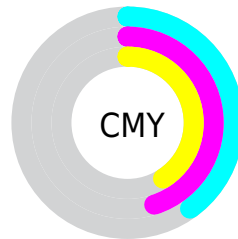


Cyan (0%)

Magenta (8%)

Yellow (1%)

Black (40%)



Cyan (40%)

Magenta (45%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 153, 141, 151 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 153, 141, 151 by changing the saturation by 10% instead.


 153, 141, 151


255, 255, 255

 207, 195, 205

 236, 223, 233

 255, 251, 255

 153, 141, 151

 127, 115, 125

 102, 91, 100

 78, 67, 76

 55, 45, 54


 34, 25, 32

 12, 0, 9

 0, 0, 0

 153, 141, 151

 153, 126, 148

 153, 141, 151

 153, 155, 156

■ 153, 110, 146

■ 153, 169, 172

■ 153, 95, 143

■ 153, 182, 187

■ 153, 80, 141

■ 153, 195, 202

■ 153, 65, 138

■ 153, 209, 218

■ 153, 49, 136

■ 153, 222, 233

■ 153, 34, 133

■ 153, 234, 248

■ 153, 19, 131

■ 153, 240, 255

■ 153, 3, 128

■ 153, 238, 255

Harmonies

Analogous

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



146, 143, 156



153, 141, 151



158, 140, 145

Triad

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



153, 141, 151



141, 150, 132



129, 139, 151

Complementary

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



153, 141, 151



141, 151, 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.



130, 140, 148



153, 141, 151



133, 146, 136

Square

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



153, 141, 151



156, 148, 133



135, 146, 148



131, 141, 155

Rectangle

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



153, 141, 151



159, 140, 140



135, 146, 148



129, 139, 149

Sweetspot

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



153, 141, 151



199, 195, 198



143, 141, 153



99, 97, 99



227, 227, 227



99, 99, 99

Same Dimension

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



153, 141, 151



199, 181, 196



153, 141, 145



77, 69, 75



140, 0, 117



13, 0, 11

Inverse Universe

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



153, 141, 151



199, 181, 196



141, 148, 153



77, 69, 75



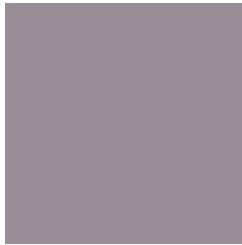
140, 0, 117



13, 0, 11

Previews

White Background



This preview shows how the RYB color 153, 141, 151 looks on a white background.

Color Contrast Check

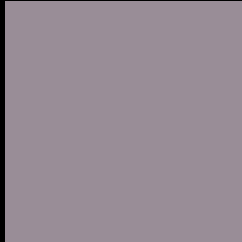
Large Text (above 18pt) WCAG AA ✓ Pass

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 153, 141, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

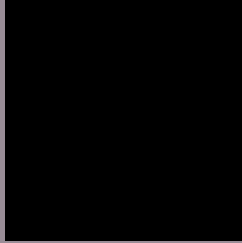
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

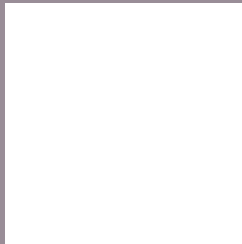
Any Text WCAG AAA × Fail

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

RYB 153, 141, 151 Background



This preview shows how black text looks on a background with the RYB color 153, 141, 151.



This preview shows how white text looks on a background with the RYB color 153, 141, 151.

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


153, 141, 151

Protanopia

145, 144, 153

Deuteranopia

155, 140, 151



Tritanopia
153, 141, 152

Trichromacy



Original Color

153, 141, 151

Protanomaly

148, 143, 152

Deuteranomaly

154, 140, 151

Tritanomaly

153, 141, 152

Monochromacy



Original Color

153, 141, 151

Achromatopsia

146, 146, 146

Achromatomaly

149, 144, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 153, 141, 151 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(153, 141, 151) looks like.

```
.text, #text, p{  
    color:rgb(153, 141, 151)  
}
```

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(153, 141, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 141, 151) }
```

Border

The CSS property to change the border of an element to RYB 153, 141, 151 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(153, 141, 151) }
```

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

```
.border{ border-color:rgb(153, 141, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 141, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 141, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 141, 151);  
box-shadow:4px 4px 4px 4px rgb(153, 141,  
151) }
```

Background

The CSS property to change the background color of an element to RYB 153, 141, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 141, 151) }
```

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

```
.background{ background-color: rgb(153,  
141, 151) }
```

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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