

Converting Colors

`RYB(153, 141, 153)`

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

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Color

R_YB(153, 141, 153)

Conversions

Conversions Part 1

Format	Color
Hex	998D99
RGB	153, 141, 153
RGB Percent	60%, 55%, 60%
CMY	0.4000, 0.4471, 0.4000
CMYK	0.00, 0.08, 0.00, 0.40
HSL	300°, 6%, 58%
HSV	300°, 8%, 60%
XYZ	28.4115, 28.1220, 34.0676
YIQ	145.9560, 3.3000, 6.2760

Conversions

Conversions Part 2

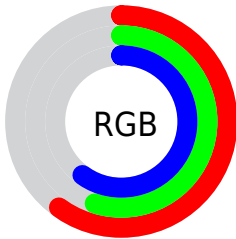
Format	Color
R_{YB}	153, 141, 153
Decimal	10063257
CIE _{Lab}	60.00, 6.73, -4.74
CIE _{LCh}	60, 8.237, 324.835
Yxy	28.1220, 0.3136, 0.3104
Android (android.graphics.Color)	4288253337 (0xFF998D99)
YUV	145.9560, 3.4727, 6.1776
Hunter-Lab	53.0301, 2.8307, -0.9680

Details

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

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

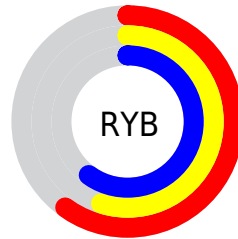
Distribution



Red (60%)

Green (55%)

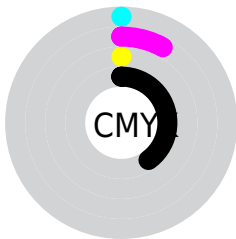
Blue (60%)



Red (60%)

Yellow (55%)

Blue (60%)

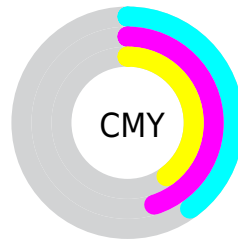


Cyan (0%)

Magenta (8%)

Yellow (0%)

Black (40%)



Cyan (40%)

Magenta (45%)

Yellow (40%)


Brightness & Saturation Gradients

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

 153, 141, 153


255, 255, 255

 207, 195, 207

 236, 223, 236

 255, 251, 255

 153, 141, 153

 127, 115, 127

 102, 91, 102


 78, 67, 78

 55, 45, 55

 34, 25, 34

 12, 0, 12

 0, 0, 0

 153, 141, 153

 153, 126, 153

 153, 141, 153

 153, 156, 156

153, 110, 153

153, 172, 172

153, 95, 153

153, 187, 187

153, 80, 153

153, 202, 202

153, 65, 153

153, 218, 218

153, 49, 153

153, 233, 233

153, 34, 153

153, 248, 248

153, 19, 153

153, 255, 255

153, 3, 153

Harmonies

Analogous

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



145, 143, 158



153, 141, 153



159, 140, 146

Triad

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



153, 141, 153



143, 152, 130



127, 138, 150

Complementary

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



153, 141, 153



141, 153, 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.



129, 141, 149



153, 141, 153



131, 146, 133

Square

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



153, 141, 153



158, 145, 133



136, 148, 148



129, 140, 156

Rectangle

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



153, 141, 153



160, 140, 141



136, 148, 148



127, 138, 149

Sweetspot

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



153, 141, 153



199, 195, 199



141, 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, 153



199, 181, 199



153, 141, 147



77, 69, 77



140, 0, 140



13, 0, 13

Inverse Universe

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



153, 141, 153



199, 181, 199



141, 149, 153



77, 69, 77



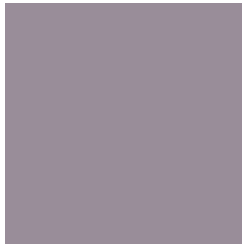
140, 0, 140



13, 0, 13

Previews

White Background



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

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

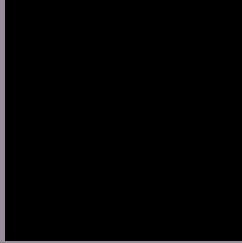
Any Text WCAG AA ✓ Pass

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, 153 Background



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



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

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, 153

Protanopia
144, 144, 155

Deuteranopia
155, 140, 153



Tritanopia
153, 141, 152

Trichromacy



Original Color

153, 141, 153

Protanomaly

147, 143, 154

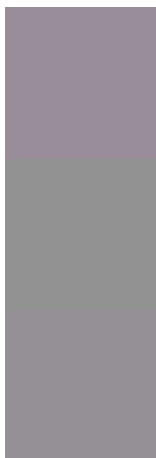
Deuteranomaly

154, 140, 153

Tritanomaly

153, 141, 152

Monochromacy



Original Color

153, 141, 153

Achromatopsia

146, 146, 146

Achromatomaly

149, 144, 149

CSS Examples

Text

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

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

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, 153) colored shadow looks like.

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

Border

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

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

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

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, 153)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to RYB 153, 141, 153 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, 153) }
```

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

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

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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