

Converting Colors

`RYB(153, 151, 126)`

Have a look what the booklet for
RYB(153, 151, 126) contains.

RYB(153, 151, 126)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(153, 151, 126)

Conversions

Conversions Part 1

Format	Color
Hex	998B7E
RGB	153, 139, 126
RGB Percent	60%, 55%, 49%
CMY	0.4000, 0.4550, 0.5059
CMYK	0.00, 0.09, 0.18, 0.40
HSL	29°, 12%, 55%
HSV	29°, 18%, 60%
XYZ	26.1326, 26.7383, 23.5223
YIQ	141.7040, 12.5170, -1.0750

Conversions

Conversions Part 2

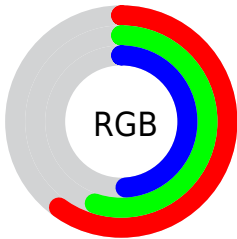
Format	Color
R_{YB}	153, 151, 126
Decimal	10062718
CIE _{Lab}	58.73, 3.01, 8.84
CIE _{LCh}	59, 9.339, 71.210
Yxy	26.7383, 0.3421, 0.3500
Android (android.graphics.Color)	4288252798 (0xFF998B7E)
YUV	141.7040, -7.7421, 9.9066
Hunter-Lab	51.7091, -0.2812, 9.2255

Details

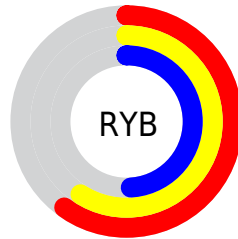
The RYB color **153, 151, 126** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **126, 135, 153**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **208, 203, 179**, and **102, 100, 77** is the 20% darker color. If you saturate the color by 10%, you get **153, 149, 111**, and if you desaturate by 10%, it is **153, 153, 141**.

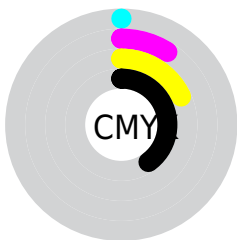
Distribution



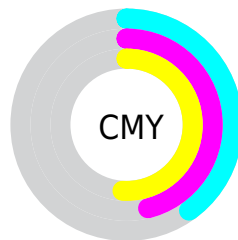
- Red (60%)
- Green (55%)
- Blue (49%)



- Red (60%)
- Yellow (59%)
- Blue (49%)



- Cyan (0%)
- Magenta (9%)
- Yellow (18%)
- Black (40%)



- Cyan (40%)
- Magenta (46%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 153, 151, 126 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, 151, 126 by changing the saturation by 10% instead.

 153, 151, 126


255, 255, 255

 208, 203, 179


 236, 232, 206

 242, 255, 234

 153, 151, 126

 127, 127, 101

 102, 100, 77

 78, 78, 54

 52, 54, 33

 28, 33, 10

 0, 0, 0

 153, 151, 126

 153, 149, 111

 153, 149, 95

 153, 151, 126

 153, 153, 141

 153, 154, 157

■ 153, 147, 80

■ 153, 160, 172

■ 153, 145, 65

■ 153, 165, 187

■ 153, 143, 50

■ 153, 170, 203

■ 153, 143, 34

■ 153, 175, 218

■ 153, 142, 19

■ 153, 181, 233

■ 153, 140, 4

■ 153, 186, 248

■ 153, 143, 0

■ 153, 190, 255

Harmonies

Analogous

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



158, 139, 131



153, 151, 126



129, 145, 125

Triad

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



153, 151, 126



121, 134, 146



147, 138, 154

Complementary

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



153, 151, 126



126, 135, 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.



136, 140, 157



153, 151, 126



121, 135, 152

Square

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



153, 151, 126



127, 140, 146



127, 138, 156



155, 136, 147

Rectangle

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



153, 151, 126



127, 143, 131



127, 138, 156



143, 139, 155

Sweetspot

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



153, 151, 126



199, 199, 189



153, 126, 140



99, 99, 93



227, 227, 227



99, 99, 99

Same Dimension

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



153, 151, 126



199, 195, 157



127, 153, 126



77, 77, 69



140, 128, 0



13, 11, 0

Inverse Universe

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



126, 135, 153



157, 171, 199



126, 127, 153



69, 72, 77



0, 48, 140



0, 5, 13

Previews

White Background



This preview shows how the RYB color 153, 151, 126 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, 151, 126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

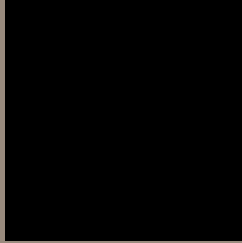
Any Text WCAG AA ✓ Pass

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, 151, 126 Background



This preview shows how black text looks on a background with the RYB color 153, 151, 126.



This preview shows how white text looks on a background with the RYB color 153, 151, 126.

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, 151, 126

Protanopia

136, 147, 127

Deuteranopia

160, 139, 127



Tritanopia
156, 136, 147

Trichromacy



Original Color

153, 151, 126

Protanomaly

142, 149, 127

Deuteranomaly

157, 142, 127

Tritanomaly

155, 137, 139

Monochromacy



Original Color

153, 151, 126

Achromatopsia

142, 142, 142

Achromatomaly

146, 146, 136

CSS Examples

Text

The CSS property to change the color of the text to RYB 153, 139, 126 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, 139, 126) looks like.

```
.text, #text, p{  
    color:rgb(153, 139, 126)  
}
```

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, 139, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 139, 126) }
```

Border

The CSS property to change the border of an element to RYB 153, 151, 126 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, 139, 126) }
```

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

```
.border{ border-color:rgb(153, 139, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 139, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 139, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 139, 126);  
box-shadow:4px 4px 4px 4px rgb(153, 139,  
126) }
```

Background

The CSS property to change the background color of an element to RYB 153, 151, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 139, 126) }
```

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

```
.background{ background-color: rgb(153,  
139, 126) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor