

Converting Colors

`RYB(153, 134, 131)`

Have a look what the booklet for
RYB(153, 134, 131) contains.

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Color

R_YB(153, 134, 131)

Conversions

Conversions Part 1

Format	Color
Hex	998683
RGB	153, 134, 131
RGB Percent	60%, 53%, 51%
CMY	0.4000, 0.4759, 0.4863
CMYK	0.00, 0.13, 0.14, 0.40
HSL	7°, 10%, 56%
HSV	7°, 14%, 60%
XYZ	25.7090, 25.3618, 25.0130
YIQ	139.3390, 12.2870, 3.0950

Conversions

Conversions Part 2

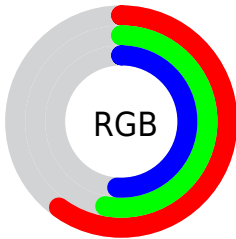
Format	Color
R _Y B	153, 134, 131
Decimal	10061443
CIE Lab	57.43, 6.87, 4.11
CIE LCh	57, 8.002, 30.886
Yxy	25.3618, 0.3379, 0.3333
Android (android.graphics.Color)	4288251523 (0xFF998683)
YUV	139.3390, -4.1111, 11.9807
Hunter-Lab	50.3605, 2.9932, 5.8043

Details

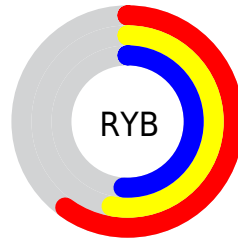
The RYB color **153, 134, 131** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **131, 141, 153**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **207, 187, 184**, and **102, 84, 82** is the 20% darker color. If you saturate the color by 10%, you get **153, 120, 116**, and if you desaturate by 10%, it is **153, 147, 146**.

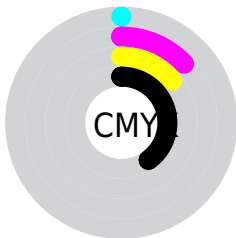
Distribution



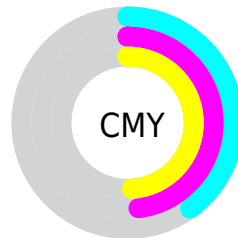
- Red (60%)
- Green (53%)
- Blue (51%)



- Red (60%)
- Yellow (53%)
- Blue (51%)



- Cyan (0%)
- Magenta (13%)
- Yellow (14%)
- Black (40%)



- Cyan (40%)
- Magenta (48%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 153, 134, 131 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, 134, 131 by changing the saturation by 10% instead.


 153, 134, 131


255, 255, 255

 207, 187, 184

 236, 215, 212

 255, 244, 240

 153, 134, 131

 127, 108, 106

 102, 84, 82

 78, 61, 59

 55, 39, 37

 33, 20, 16

 0, 0, 0


 153, 134, 131

 153, 120, 116


 153, 108, 100

 153, 134, 131


 153, 147, 146

 153, 157, 162


 153, 94, 85

 153, 164, 177


 153, 81, 70

 153, 171, 192


 153, 68, 54

 153, 179, 208

 153, 55, 39

 153, 186, 223

 153, 41, 24

 153, 193, 238

 153, 28, 9

 153, 200, 253

 153, 20, 0

 153, 204, 255

Harmonies

Analogous

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



152, 133, 138



153, 134, 131



150, 140, 126

Triad

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



153, 134, 131



128, 139, 141



131, 136, 152

Complementary

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



153, 134, 131



131, 141, 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.



124, 134, 150



153, 134, 131



122, 133, 142

Square

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



153, 134, 131



126, 140, 130



121, 132, 145



140, 136, 150

Rectangle

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



153, 134, 131



139, 146, 124



121, 132, 145



128, 135, 151

Sweetspot

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



153, 134, 131



199, 192, 191



153, 131, 150



99, 95, 94



227, 227, 227



99, 99, 99

Same Dimension

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



153, 134, 131



199, 170, 165



144, 153, 131



77, 70, 69



140, 19, 0



13, 2, 0

Inverse Universe

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



131, 141, 153



165, 181, 199



131, 137, 153



69, 73, 77



0, 65, 140



0, 6, 13

Previews

White Background



This preview shows how the RYB color 153, 134, 131 looks on a white background.

Color Contrast Check

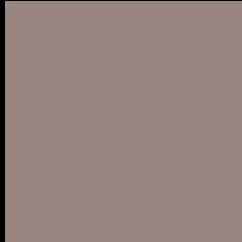
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 153, 134, 131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

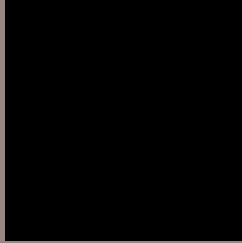
Any Text WCAG AA ✓ Pass

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, 134, 131 Background



This preview shows how black text looks on a background with the RYB color 153, 134, 131.



This preview shows how white text looks on a background with the RYB color 153, 134, 131.

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, 134, 131

Protanopia

142, 140, 133

Deuteranopia

154, 133, 131



Tritanopia
154, 132, 142

Trichromacy



Original Color

153, 134, 131

Protanomaly

146, 138, 132

Deuteranomaly

154, 133, 131

Tritanomaly

154, 133, 138

Monochromacy



Original Color

153, 134, 131

Achromatopsia

139, 139, 139

Achromatomaly

144, 137, 136

CSS Examples

Text

The CSS property to change the color of the text to RYB 153, 134, 131 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, 134, 131) looks like.

```
.text, #text, p{  
    color:rgb(153, 134, 131)  
}
```

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, 134, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 134, 131) }
```

Border

The CSS property to change the border of an element to RYB 153, 134, 131 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, 134, 131) }
```

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

```
.border{ border-color:rgb(153, 134, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 134, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 134, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 134, 131);  
box-shadow:4px 4px 4px 4px rgb(153, 134,  
131) }
```

Background

The CSS property to change the background color of an element to RYB 153, 134, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 134, 131) }
```

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

```
.background{ background-color: rgb(153,  
134, 131) }
```

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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