

Converting Colors

`RYB(153, 131, 110)`

Have a look what the booklet for
RYB(153, 131, 110) contains.

RYB(153, 131, 110)	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, 131, 110)

Conversions

Conversions Part 1

Format	Color
Hex	997C6E
RGB	153, 124, 110
RGB Percent	60%, 49%, 43%
CMY	0.4000, 0.5133, 0.5686
CMYK	0.00, 0.19, 0.28, 0.40
HSL	20°, 17%, 52%
HSV	20°, 28%, 60%
XYZ	23.1727, 22.3408, 17.8427
YIQ	131.0750, 21.7780, 1.7940

Conversions

Conversions Part 2

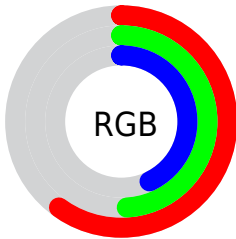
Format	Color
RYB	153, 131, 110
Decimal	10058862
CIELab	54.39, 8.96, 11.91
CIELCh	54, 14.908, 53.035
Yxy	22.3408, 0.3658, 0.3526
Android (android.graphics.Color)	4288248942 (0xFF997C6E)
YUV	131.0750, -10.3900, 19.2282
Hunter-Lab	47.2661, 4.7959, 10.7046

Details

The RYB color **153, 131, 110** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **110, 127, 153**, and the grayscale version is **131, 131, 131**.

A 20% lighter version of the original color is **208, 184, 162**, and **101, 82, 62** is the 20% darker color. If you saturate the color by 10%, you get **153, 123, 95**, and if you desaturate by 10%, it is **153, 138, 125**.

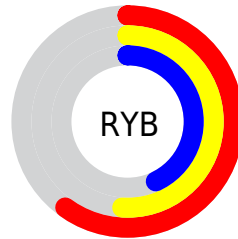
Distribution



Red (60%)

Green (49%)

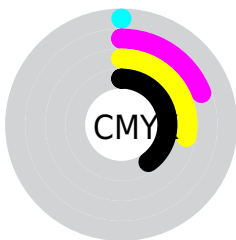
Blue (43%)



Red (60%)

Yellow (51%)

Blue (43%)

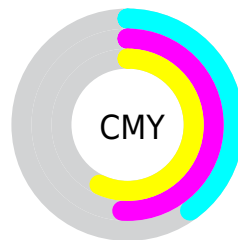


Cyan (0%)

Magenta (19%)

Yellow (28%)

Black (40%)



Cyan (40%)

Magenta (51%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 153, 131, 110 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, 131, 110 by changing the saturation by 10% instead.

 153, 131, 110

255, 255, 255


 208, 184, 162

 236, 211, 189

 255, 243, 216

 245, 255, 245


 153, 131, 110

 153, 123, 95

 153, 117, 79

 153, 131, 110

 127, 105, 86

 101, 82, 62

 76, 60, 40

 53, 37, 20

 32, 11, 0

 0, 0, 0

 153, 131, 110

 153, 138, 125

 153, 147, 141

■ 153, 107, 64

■ 153, 154, 156

■ 153, 100, 49

■ 153, 160, 171

■ 153, 92, 34

■ 153, 167, 187

■ 153, 83, 18

■ 153, 173, 202

■ 153, 76, 3

■ 153, 179, 217

■ 153, 74, 0

■ 153, 185, 232

■ 153, 191, 248

Harmonies

Analogous

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



157, 121, 121



153, 131, 110



130, 143, 105

Triad

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



153, 131, 110



102, 123, 137



129, 128, 154

Complementary

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



153, 131, 110



110, 127, 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.



112, 126, 155



153, 131, 110



96, 117, 140

Square

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



153, 131, 110



114, 136, 135



99, 120, 150



144, 124, 146

Rectangle

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



153, 131, 110



108, 134, 105



99, 120, 150



123, 128, 155

Sweetspot

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



153, 131, 110



199, 190, 183



153, 110, 139



99, 95, 90



227, 227, 227



99, 99, 99

Same Dimension

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



153, 131, 110



199, 164, 131



120, 153, 110



77, 72, 69



140, 69, 0



13, 6, 0

Inverse Universe

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



110, 127, 153



131, 158, 199



110, 117, 153



69, 72, 77



0, 56, 140



0, 5, 13

Previews

White Background



This preview shows how the RYB color 153, 131, 110 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, 131, 110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

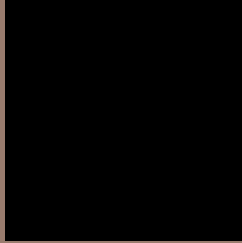
Any Text WCAG AA ✓ Pass

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, 131, 110 Background



This preview shows how black text looks on a background with the RYB color 153, 131, 110.



This preview shows how white text looks on a background with the RYB color 153, 131, 110.

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, 131, 110

Protanopia
123, 137, 113

Deuteranopia
150, 134, 110



Tritanopia
155, 121, 131

Trichromacy



Original Color
153, 131, 110

Protanomaly
141, 143, 112

Deuteranomaly
151, 134, 110

Tritanomaly
154, 122, 123

Monochromacy



Original Color
153, 131, 110

Achromatopsia
131, 131, 131

Achromatomaly
139, 130, 123

CSS Examples

Text

The CSS property to change the color of the text to RYB 153, 131, 110 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, 124, 110)` looks like.

```
.text, #text, p{  
    color:rgb(153, 124, 110)  
}
```

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, 124, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 124, 110) }
```

Border

The CSS property to change the border of an element to RYB 153, 131, 110 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, 124, 110) }
```

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

```
.border{ border-color:rgb(153, 124, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 124, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 124, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 124, 110);  
box-shadow:4px 4px 4px 4px rgb(153, 124,  
110) }
```

Background

The CSS property to change the background color of an element to RYB 153, 131, 110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 124, 110) }
```

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

```
.background{ background-color: rgb(153,  
124, 110) }
```

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