

# Converting Colors

`RYB(153, 132, 130)`

Have a look what the booklet for  
RYB(153, 132, 130) contains.

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# Color

**R<sub>Y</sub>B(153, 132, 130)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	998482
RGB	153, 132, 130
RGB Percent	60%, 52%, 51%
CMY	0.4000, 0.4830, 0.4902
CMYK	0.00, 0.14, 0.15, 0.40
HSL	5°, 10%, 55%
HSV	5°, 15%, 60%
XYZ	25.3957, 24.8432, 24.5758
YIQ	138.0510, 13.1580, 3.8300

# Conversions

## Conversions Part 2

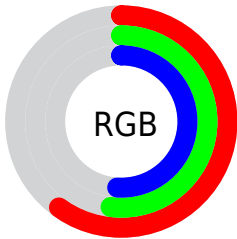
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	153, 132, 130
Decimal	10060930
CIE Lab	56.92, 7.72, 3.96
CIE LCh	57, 8.675, 27.134
Yxy	24.8432, 0.3394, 0.3321
Android (android.graphics.Color)	4288251010 (0xFF998482)
YUV	138.0510, -3.9691, 13.1103
Hunter-Lab	49.8429, 3.7233, 5.6562

# Details

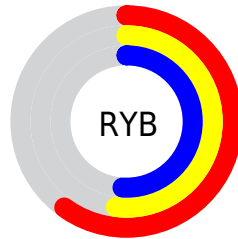
The RYB color **153, 132, 130** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **130, 141, 153**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **208, 185, 183**, and **102, 83, 81** is the 20% darker color. If you saturate the color by 10%, you get **153, 118, 115**, and if you desaturate by 10%, it is **153, 146, 145**.

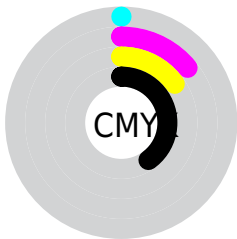
# Distribution



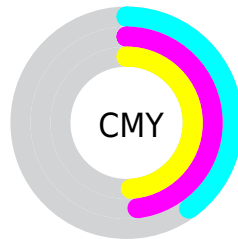
- Red (60%)
- Green (52%)
- Blue (51%)



- Red (60%)
- Yellow (52%)
- Blue (51%)



- Cyan (0%)
- Magenta (14%)
- Yellow (15%)
- Black (40%)



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

# Brightness & Saturation Gradients


These gradients show how the RYB color 153, 132, 130 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, 132, 130 by changing the saturation by 10% instead.



 153, 132, 130

255, 255, 255

 208, 185, 183


 236, 213, 210

 255, 241, 239

 153, 132, 130

 127, 107, 105

 102, 82, 81


 78, 59, 58

 54, 38, 36

 33, 17, 15

 0, 0, 0

 153, 132, 130

 153, 118, 115

 153, 105, 99

 153, 132, 130


 153, 146, 145

 153, 157, 161


 153, 91, 84

 153, 164, 176


 153, 77, 69

 153, 171, 191

 153, 62, 53

 153, 179, 207

 153, 48, 38

 153, 186, 222

 153, 34, 23

 153, 193, 237

 153, 20, 8

 153, 200, 252

 153, 13, 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, 132, 138



153, 132, 130



150, 138, 124

# Triad

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



153, 132, 130



127, 139, 140



128, 134, 151

# Complementary

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



153, 132, 130



130, 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.



121, 132, 149



153, 132, 130



120, 132, 141

# Square

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



153, 132, 130



123, 138, 126



118, 130, 143



137, 135, 150

# Rectangle

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



153, 132, 130



142, 146, 122



118, 130, 143



125, 134, 151



# Sweetspot

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



153, 132, 130



199, 190, 189



153, 130, 151



99, 94, 93



227, 227, 227



99, 99, 99



# Same Dimension

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



153, 132, 130



199, 166, 163



148, 153, 130



77, 69, 69



140, 12, 0



13, 1, 0



# Inverse Universe

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



130, 141, 153



163, 180, 199



130, 137, 153



69, 73, 77



0, 67, 140



0, 6, 13



# Previews

## White Background



This preview shows how the RYB color 153, 132, 130 looks on a white background.

## Color Contrast Check

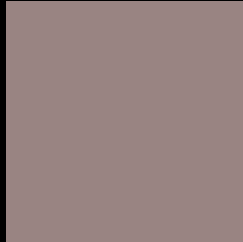
Large Text (above 18pt) WCAG AA ✓ Pass

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, 132, 130 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

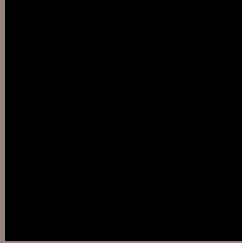
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## **RYB 153, 132, 130 Background**



This preview shows how black text looks on a background with the RYB color 153, 132, 130.



This preview shows how white text looks on a background with the RYB color 153, 132, 130.

# 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, 132, 130

### Protanopia

140, 140, 132

### Deuteranopia

152, 132, 130



**Tritanopia**  
154, 130, 140

# Trichromacy



**Original Color**

153, 132, 130

**Protanomaly**

145, 135, 131

**Deuteranomaly**

152, 132, 130

**Tritanomaly**

154, 131, 136

# Monochromacy



**Original Color**

153, 132, 130

**Achromatopsia**

138, 138, 138

**Achromatomaly**

143, 136, 135

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 153, 132, 130 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, 132, 130)` looks like.

```
.text, #text, p{  
    color:rgb(153, 132, 130)  
}
```

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, 132, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 132, 130) }
```

## Border

The CSS property to change the border of an element to RYB 153, 132, 130 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, 132, 130) }
```

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

```
.border{ border-color:rgb(153, 132, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 132, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 132, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 132, 130);  
box-shadow:4px 4px 4px 4px rgb(153, 132,  
130) }
```

# Background

The CSS property to change the background color of an element to RYB 153, 132, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 132, 130) }
```

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

```
.background{ background-color: rgb(153,  
132, 130) }
```

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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