

# Converting Colors

`RYB(150, 137, 153)`

Have a look what the booklet for  
RYB(150, 137, 153) contains.

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# Color

**R<sub>Y</sub>B(150, 137, 153)**

# Conversions

## Conversions Part 1

Format	Color
Hex	968999
RGB	150, 137, 153
RGB Percent	59%, 54%, 60%
CMY	0.4118, 0.4627, 0.4000
CMYK	0.02, 0.10, 0.00, 0.40
HSL	289°, 7%, 57%
HSV	289°, 10%, 60%
XYZ	27.2731, 26.6753, 33.8484
YIQ	142.7110, 2.6120, 7.7320

# Conversions

## Conversions Part 2

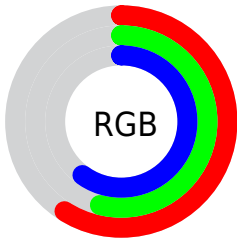
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 137, 153
Decimal	9865625
CIE Lab	58.67, 7.92, -6.74
CIE LCh	59, 10.402, 319.622
Yxy	26.6753, 0.3106, 0.3038
Android (android.graphics.Color)	4288055705 (0xFF968999)
YUV	142.7110, 5.0725, 6.3925
Hunter-Lab	51.6481, 3.8739, -2.7030

# Details

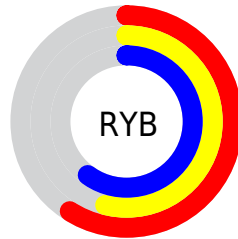
The RYB color **150, 137, 153** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **137, 153, 150**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **204, 190, 207**, and **99, 87, 102** is the 20% darker color. If you saturate the color by 10%, you get **147, 122, 153**, and if you desaturate by 10%, it is **153, 152, 153**.

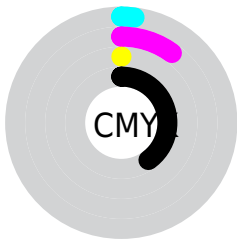
# Distribution



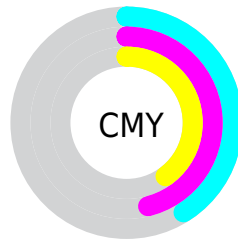
- Red (59%)
- Green (54%)
- Blue (60%)



- Red (59%)
- Yellow (54%)
- Blue (60%)



- Cyan (2%)
- Magenta (10%)
- Yellow (0%)
- Black (40%)



- Cyan (41%)
- Magenta (46%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 150, 137, 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 150, 137, 153 by changing the saturation by 10% instead.



■ 150, 137, 153

255, 255, 255

■ 204, 190, 207

■ 232, 218, 236

■ 255, 247, 255

■ 150, 137, 153

■ 124, 112, 127

■ 99, 87, 102

■ 75, 64, 78

■ 53, 42, 55

■ 31, 21, 34

■ 1, 0, 11

■ 0, 0, 0

■ 150, 137, 153

■ 147, 122, 153

■ 150, 137, 153

■ 153, 152, 153

144, 106, 153

153, 168, 165

141, 91, 153

153, 183, 177

139, 76, 153

153, 198, 190

136, 61, 153

153, 213, 202

133, 45, 153

153, 229, 215

130, 30, 153

153, 244, 227

127, 15, 153

153, 255, 235

124, 0, 153

153, 255, 232

# Harmonies

## Analogous

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



139, 140, 158



150, 137, 153



158, 135, 145

# Triad

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



150, 137, 153



147, 152, 123



118, 132, 147

# Complementary

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



150, 137, 153



137, 153, 150

# 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.



123, 137, 146



150, 137, 153



124, 142, 124

# Square

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



150, 137, 153



159, 141, 128



129, 145, 142



120, 135, 155

# Rectangle

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



150, 137, 153



160, 135, 138



129, 145, 142



119, 134, 147



# Sweetspot

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



150, 137, 153



198, 193, 199



137, 140, 153



99, 95, 99



227, 227, 227



99, 99, 99



# Same Dimension

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



150, 137, 153



194, 173, 199



153, 137, 148



75, 69, 77



114, 0, 140



10, 0, 13



# Inverse Universe

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



153, 137, 140



199, 173, 178



137, 149, 153



77, 69, 70



140, 0, 26

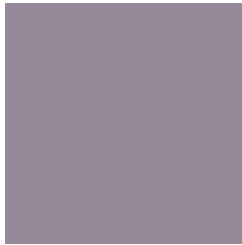


13, 0, 2



# Previews

## White Background



This preview shows how the RYB color 150, 137, 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 150, 137, 153 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

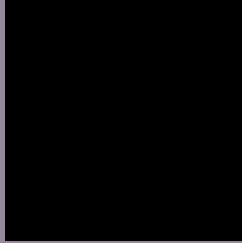
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## RYB 150, 137, 153 Background



This preview shows how black text looks on a background with the RYB color 150, 137, 153.



This preview shows how white text looks on a background with the RYB color 150, 137, 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

150, 137, 153

### Protanopia

140, 140, 155

### Deuteranopia

149, 137, 153



# Tritanopia

149, 138, 149

# Trichromacy



## Original Color

150, 137, 153

## Protanomaly

144, 139, 154

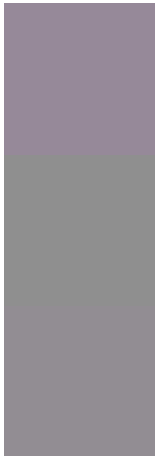
## Deuteranomaly

149, 137, 153

## Tritanomaly

149, 138, 150

# Monochromacy



## Original Color

150, 137, 153

## Achromatopsia

143, 143, 143

## Achromatomaly

146, 141, 147

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 150, 137, 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(150, 137, 153) looks like.

```
.text, #text, p{  
    color:rgb(150, 137, 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(150, 137, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 137, 153) }
```

## Border

The CSS property to change the border of an element to RYB 150, 137, 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(150, 137, 153) }
```

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

```
.border{ border-color:rgb(150, 137, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 137, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 137, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 137, 153);  
box-shadow:4px 4px 4px 4px rgb(150, 137,  
153) }
```

# Background

The CSS property to change the background color of an element to RYB 150, 137, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 137, 153) }
```

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

```
.background{ background-color: rgb(150,  
137, 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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