

Converting Colors

`RYB(153, 137, 156)`

Have a look what the booklet for
RYB(153, 137, 156) contains.

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Color

R_YB(153, 137, 156)

Conversions

Conversions Part 1

Format	Color
Hex	99899C
RGB	153, 137, 156
RGB Percent	60%, 54%, 61%
CMY	0.4000, 0.4627, 0.3882
CMYK	0.02, 0.12, 0.00, 0.39
HSL	291°, 9%, 57%
HSV	291°, 12%, 61%
XYZ	28.0833, 27.0639, 35.1962
YIQ	143.9500, 3.4370, 9.3010

Conversions

Conversions Part 2

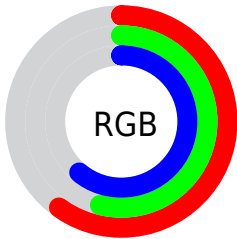
Format	Color
R_{YB}	153, 137, 156
Decimal	10062236
CIE Lab	59.03, 9.60, -7.89
CIE LCh	59, 12.429, 320.586
Yxy	27.0639, 0.3109, 0.2996
Android (android.graphics.Color)	4288252316 (0xFF99899C)
YUV	143.9500, 5.9407, 7.9369
Hunter-Lab	52.0230, 5.3184, -3.6966




Details

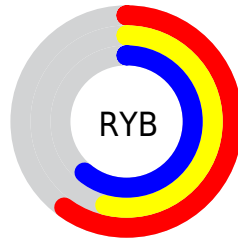
The RYB color **153, 137, 156** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **137, 156, 153**, and the grayscale version is **144, 144, 144**.




A 20% lighter version of the original color is **207, 190, 210**, and **102, 87, 105** is the 20% darker color. If you saturate the color by 10%, you get **151, 121, 156**, and if you desaturate by 10%, it is **155, 153, 156**.

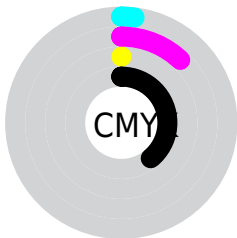
Distribution







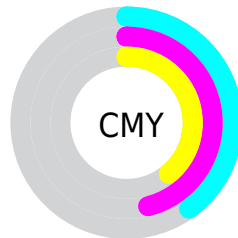
-  Red (60%)
-  Green (54%)
-  Blue (61%)






-  Red (60%)
-  Yellow (54%)
-  Blue (61%)



-  Cyan (2%)
-  Magenta (12%)
-  Yellow (0%)
-  Black (39%)



-  Cyan (40%)
-  Magenta (46%)
-  Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 153, 137, 156 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, 137, 156 by changing the saturation by 10% instead.

 153, 137, 156


255, 255, 255

 207, 190, 210

 236, 218, 239

 255, 247, 255

 153, 137, 156

 127, 112, 130

 102, 87, 105

 78, 64, 81


 55, 42, 58

 33, 21, 36

 7, 0, 15

 0, 0, 0

 153, 137, 156


 151, 121, 156

 153, 137, 156


 155, 153, 156

 148, 106, 156


 156, 168, 166

 146, 90, 156

 156, 184, 180

 143, 75, 156

 156, 199, 192

 141, 59, 156

 156, 215, 206

 138, 43, 156


 156, 231, 219

 136, 28, 156

 156, 246, 232

 133, 12, 156

 156, 255, 238

 131, 0, 156

 156, 255, 236

Harmonies

Analogous

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



140, 140, 162



153, 137, 156



162, 135, 146

Triad

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



153, 137, 156



145, 154, 121



114, 131, 149

Complementary

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



153, 137, 156



137, 156, 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.



120, 137, 148



153, 137, 156



122, 144, 123

Square

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



153, 137, 156



162, 142, 126



128, 147, 145



116, 134, 158

Rectangle

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



153, 137, 156



165, 135, 138



128, 147, 145



115, 133, 149

Sweetspot

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



153, 137, 156



203, 196, 204



137, 140, 156



101, 97, 102



230, 230, 230



102, 102, 102

Same Dimension

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



153, 137, 156



199, 173, 204



156, 137, 150



78, 71, 79



120, 0, 143



13, 0, 15

Inverse Universe

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



156, 137, 140



204, 173, 178



137, 151, 156



79, 71, 72



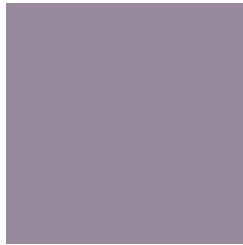
143, 0, 23



15, 0, 2

Previews

White Background



This preview shows how the RYB color 153, 137, 156 looks on a white background.

Color Contrast Check

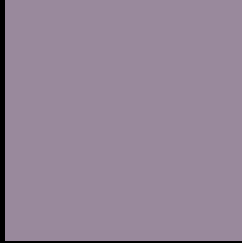
Large Text (above 18pt) WCAG AA ✓ Pass

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, 137, 156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

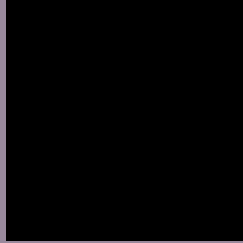
Any Text WCAG AA ✓ Pass

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, 137, 156 Background



This preview shows how black text looks on a background with the RYB color 153, 137, 156.



This preview shows how white text looks on a background with the RYB color 153, 137, 156.

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, 137, 156

Protanopia
140, 141, 159

Deuteranopia
150, 138, 156



Tritanopia

152, 138, 149

Trichromacy



Original Color

153, 137, 156

Protanomaly

145, 140, 158

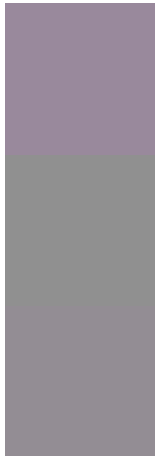
Deuteranomaly

151, 138, 156

Tritanomaly

152, 138, 152

Monochromacy



Original Color

153, 137, 156

Achromatopsia

144, 144, 144

Achromatomaly

147, 141, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 153, 137, 156 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, 137, 156) looks like.

```
.text, #text, p{  
    color:rgb(153, 137, 156)  
}
```

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, 137, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 137, 156) }
```

Border

The CSS property to change the border of an element to RYB 153, 137, 156 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, 137, 156) }
```

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

```
.border{ border-color:rgb(153, 137, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 137, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 137, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 137, 156);  
box-shadow:4px 4px 4px 4px rgb(153, 137,  
156) }
```

Background

The CSS property to change the background color of an element to RYB 153, 137, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 137, 156) }
```

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

```
.background{ background-color: rgb(153,  
137, 156) }
```

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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