

Converting Colors

`RYB(150, 127, 151)`

Have a look what the booklet for
RYB(150, 127, 151) contains.

RYB(150, 127, 151)	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(150, 127, 151)

Conversions

Conversions Part 1

Format	Color
Hex	967F97
RGB	150, 127, 151
RGB Percent	59%, 50%, 59%
CMY	0.4118, 0.5020, 0.4078
CMYK	0.01, 0.16, 0.00, 0.41
HSL	298°, 10%, 55%
HSV	298°, 16%, 59%
XYZ	25.7530, 23.8971, 32.5334
YIQ	136.6130, 6.0040, 12.3400

Conversions

Conversions Part 2

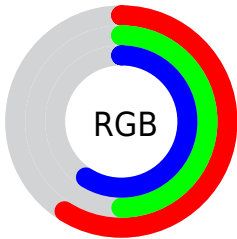
Format	Color
R_{YB}	150, 127, 151
Decimal	9863063
CIE _{Lab}	55.98, 13.26, -9.60
CIE _{LCh}	56, 16.372, 324.120
Yxy	23.8971, 0.3134, 0.2908
Android (android.graphics.Color)	4288053143 (0xFF967F97)
YUV	136.6130, 7.0928, 11.7404
Hunter-Lab	48.8847, 8.4874, -5.2390

Details

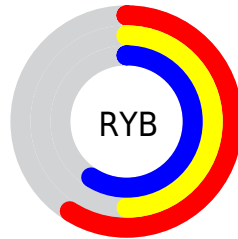
The RYB color **150, 127, 151** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **127, 151, 150**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **204, 180, 205**, and **99, 78, 100** is the 20% darker color. If you saturate the color by 10%, you get **149, 112, 151**, and if you desaturate by 10%, it is **151, 142, 151**.

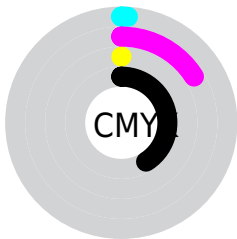
Distribution



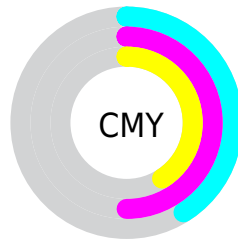
- Red (59%)
- Green (50%)
- Blue (59%)



- Red (59%)
- Yellow (50%)
- Blue (59%)



- Cyan (1%)
- Magenta (16%)
- Yellow (0%)
- Black (41%)




- Cyan (41%)
- Magenta (50%)
- Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the RYB color 150, 127, 151 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, 127, 151 by changing the saturation by 10% instead.


 150, 127, 151


255, 255, 255

 204, 180, 205

 233, 207, 233

 255, 236, 255


 150, 127, 151

 124, 102, 125

 99, 78, 100

 75, 55, 76

 52, 33, 53


 31, 12, 32


 0, 0, 7

 0, 0, 0

 150, 127, 151

 149, 112, 151

 150, 127, 151

 151, 142, 151

149, 97, 151

151, 157, 157

148, 82, 151

151, 172, 171

147, 67, 151

151, 187, 185

147, 51, 151

151, 203, 201

146, 36, 151

151, 218, 215

146, 21, 151

151, 233, 230

145, 6, 151

151, 248, 244

145, 0, 151

151, 255, 250

Harmonies

Analogous

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



133, 131, 160



150, 127, 151



161, 124, 138

Triad

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



150, 127, 151



132, 148, 106



95, 119, 145

Complementary

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



150, 127, 151



127, 151, 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.



102, 125, 142



150, 127, 151



108, 137, 112

Square

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



150, 127, 151



159, 136, 112



117, 140, 140



100, 124, 157

Rectangle

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



150, 127, 151



164, 124, 128



117, 140, 140



97, 120, 142

Sweetspot

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



150, 127, 151



196, 187, 196



127, 128, 151



99, 93, 99



227, 227, 227



99, 99, 99

Same Dimension

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



150, 127, 151



195, 159, 196



151, 127, 140



76, 69, 77



134, 0, 140



12, 0, 13

Inverse Universe

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



151, 127, 128



196, 159, 161



127, 143, 151



77, 69, 69



140, 0, 6



13, 0, 1

Previews

White Background



This preview shows how the RYB color 150, 127, 151 looks on a white background.

Color Contrast Check

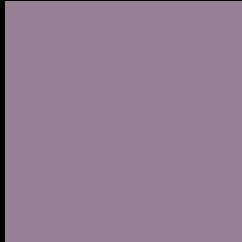
Large Text (above 18pt) WCAG AA ✓ Pass

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, 127, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

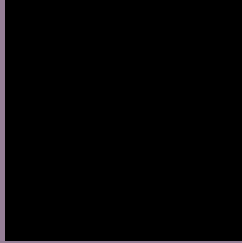
Any Text WCAG AA ✓ Pass

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, 127, 151 Background



This preview shows how black text looks on a background with the RYB color 150, 127, 151.



This preview shows how white text looks on a background with the RYB color 150, 127, 151.

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, 127, 151

Protanopia
130, 133, 155

Deuteranopia
140, 131, 150



Tritanopia
148, 129, 139

Trichromacy



Original Color
150, 127, 151

Protanomaly
137, 131, 154

Deuteranomaly
144, 130, 150

Tritanomaly
149, 128, 143

Monochromacy



Original Color
150, 127, 151

Achromatopsia
137, 137, 137

Achromatomaly
142, 133, 142

CSS Examples

Text

The CSS property to change the color of the text to RYB 150, 127, 151 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, 127, 151) looks like.

```
.text, #text, p{  
    color:rgb(150, 127, 151)  
}
```

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, 127, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 127, 151) }
```

Border

The CSS property to change the border of an element to RYB 150, 127, 151 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, 127, 151) }
```

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

```
.border{ border-color:rgb(150, 127, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 127, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 127, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 127, 151);  
box-shadow:4px 4px 4px 4px rgb(150, 127,  
151) }
```

Background

The CSS property to change the background color of an element to RYB 150, 127, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 127, 151) }
```

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

```
.background{ background-color: rgb(150,  
127, 151) }
```

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