

Converting Colors

`RYB(149, 127, 155)`

Have a look what the booklet for
RYB(149, 127, 155) contains.

RYB(149, 127, 155)	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(149, 127, 155)

Conversions

Conversions Part 1

Format	Color
Hex	957F9B
RGB	149, 127, 155
RGB Percent	58%, 50%, 61%
CMY	0.4157, 0.5020, 0.3922
CMYK	0.04, 0.18, 0.00, 0.39
HSL	287°, 12%, 55%
HSV	287°, 18%, 61%
XYZ	25.9002, 23.9349, 34.2651
YIQ	136.7700, 4.1240, 13.3720

Conversions

Conversions Part 2

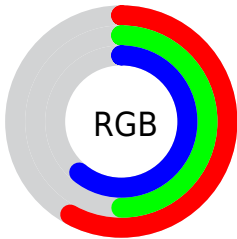
Format	Color
R_{YB}	149, 127, 155
Decimal	9797531
CIE _{Lab}	56.02, 13.72, -11.86
CIE _{LCh}	56, 18.134, 319.150
Yxy	23.9349, 0.3080, 0.2846
Android (android.graphics.Color)	4287987611 (0xFF957F9B)
YUV	136.7700, 8.9874, 10.7257
Hunter-Lab	48.9233, 8.8830, -7.2796




Details

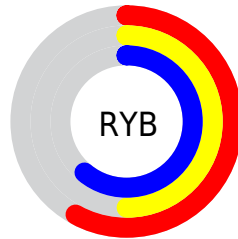
The RYB color **149, 127, 155** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **127, 155, 149**, and the grayscale version is **137, 137, 137**.




A 20% lighter version of the original color is **203, 180, 209**, and **98, 78, 104** is the 20% darker color. If you saturate the color by 10%, you get **146, 112, 155**, and if you desaturate by 10%, it is **152, 143, 155**.

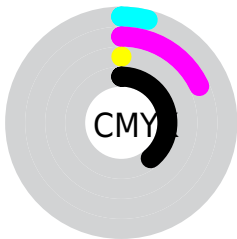
Distribution







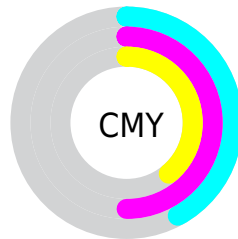
-  Red (58%)
-  Green (50%)
-  Blue (61%)






-  Red (58%)
-  Yellow (50%)
-  Blue (61%)



-  Cyan (4%)
-  Magenta (18%)
-  Yellow (0%)
-  Black (39%)



-  Cyan (42%)
-  Magenta (50%)
-  Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 149, 127, 155 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 149, 127, 155 by changing the saturation by 10% instead.

 149, 127, 155


255, 255, 255

 203, 180, 209


 231, 207, 238


 255, 236, 255

 149, 127, 155

 123, 102, 129

 98, 78, 104

 74, 55, 80

 51, 33, 57


 30, 12, 35

 0, 0, 12

 0, 0, 0

 149, 127, 155

 146, 112, 155

 149, 127, 155

 152, 143, 155

142, 96, 155

155, 158, 157

139, 80, 155

155, 173, 169

136, 65, 155

155, 189, 182

132, 49, 155

155, 204, 193

129, 34, 155

155, 220, 206

126, 19, 155

155, 236, 219

122, 3, 155

155, 251, 230

122, 0, 155

155, 255, 231

Harmonies

Analogous

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



129, 132, 164



149, 127, 155



162, 124, 141

Triad

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



149, 127, 155



141, 152, 104



91, 117, 144

Complementary

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



149, 127, 155



127, 155, 149

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.



101, 127, 143



149, 127, 155



104, 136, 104

Square

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



149, 127, 155



163, 132, 111



113, 141, 136



93, 121, 158

Rectangle

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



149, 127, 155



166, 123, 130



113, 141, 136



93, 119, 143

Sweetspot

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



149, 127, 155



199, 191, 201



127, 132, 155



101, 96, 102



230, 230, 230



102, 102, 102

Same Dimension

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



149, 127, 155



192, 157, 201



155, 127, 147



75, 69, 77



110, 0, 140



10, 0, 13

Inverse Universe

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



155, 127, 133



201, 157, 167



127, 149, 155



77, 69, 70



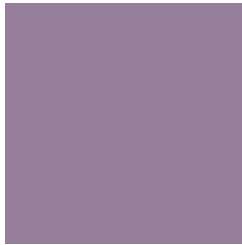
140, 0, 30



13, 0, 3

Previews

White Background



This preview shows how the RYB color 149, 127, 155 looks on a white background.

Color Contrast Check

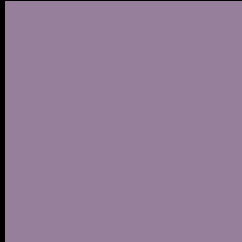
Large Text (above 18pt) WCAG AA ✓ Pass

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 149, 127, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

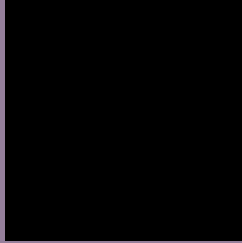
Any Text WCAG AA ✓ Pass

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 149, 127, 155 Background



This preview shows how black text looks on a background with the RYB color 149, 127, 155.



This preview shows how white text looks on a background with the RYB color 149, 127, 155.

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

149, 127, 155

Protanopia

129, 133, 159

Deuteranopia

138, 131, 154



Tritanopia
147, 130, 140

Trichromacy



Original Color
149, 127, 155

Protanomaly
136, 131, 158

Deuteranomaly
142, 130, 154

Tritanomaly
148, 129, 145

Monochromacy



Original Color
149, 127, 155

Achromatopsia
137, 137, 137

Achromatomaly
141, 133, 144

CSS Examples

Text

The CSS property to change the color of the text to RYB 149, 127, 155 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(149, 127, 155)` looks like.

```
.text, #text, p{  
    color:rgb(149, 127, 155)  
}
```

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(149, 127, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 127, 155) }
```

Border

The CSS property to change the border of an element to RYB 149, 127, 155 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(149, 127, 155) }
```

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

```
.border{ border-color:rgb(149, 127, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 127, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 127, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 127, 155);  
box-shadow:4px 4px 4px 4px rgb(149, 127,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 149, 127, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 127, 155) }
```

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

```
.background{ background-color: rgb(149,  
127, 155) }
```

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