

Converting Colors

`RYB(147, 124, 143)`

Have a look what the booklet for
RYB(147, 124, 143) contains.

RYB(147, 124, 143)	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(147, 124, 143)

Conversions

Conversions Part 1

Format	Color
Hex	937C8F
RGB	147, 124, 143
RGB Percent	58%, 49%, 56%
CMY	0.4235, 0.5137, 0.4392
CMYK	0.00, 0.16, 0.03, 0.42
HSL	310°, 10%, 53%
HSV	310°, 16%, 58%
XYZ	24.1982, 22.6015, 29.0737
YIQ	133.0430, 7.6090, 10.7850

Conversions

Conversions Part 2

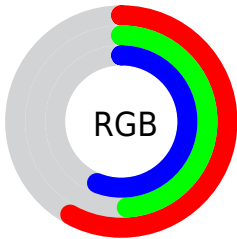
Format	Color
R_{YB}	147, 124, 143
Decimal	9665679
CIE Lab	54.66, 12.33, -6.96
CIE LCh	55, 14.160, 330.551
Yxy	22.6015, 0.3189, 0.2979
Android (android.graphics.Color)	4287855759 (0xFF937C8F)
YUV	133.0430, 4.9088, 12.2403
Hunter-Lab	47.5411, 7.6589, -2.9801

Details

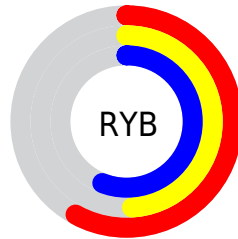
The RYB color **147, 124, 143** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **124, 144, 147**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **201, 177, 197**, and **96, 75, 93** is the 20% darker color. If you saturate the color by 10%, you get **147, 109, 140**, and if you desaturate by 10%, it is **147, 139, 146**.

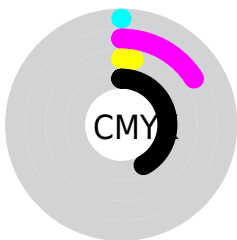
Distribution



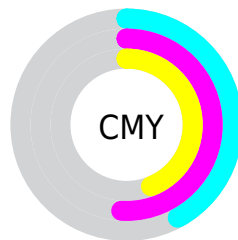
- Red (58%)
- Green (49%)
- Blue (56%)



- Red (58%)
- Yellow (49%)
- Blue (56%)



- Cyan (0%)
- Magenta (16%)
- Yellow (3%)
- Black (42%)



- Cyan (42%)
- Magenta (51%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 147, 124, 143 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 147, 124, 143 by changing the saturation by 10% instead.

 147, 124, 143


255, 255, 255

 201, 177, 197

 229, 204, 225


 255, 232, 253

 147, 124, 143

 121, 99, 117

 96, 75, 93

 72, 52, 69

 50, 31, 47


 29, 8, 26

 0, 0, 0

 147, 124, 143

 147, 109, 140

 147, 95, 138

 147, 124, 143

 147, 139, 146

 147, 152, 153

■ 147, 80, 135

■ 147, 165, 168

■ 147, 65, 133

■ 147, 178, 183

■ 147, 51, 130

■ 147, 189, 197

■ 147, 36, 128

■ 147, 203, 212

■ 147, 21, 125

■ 147, 215, 227

■ 147, 6, 123

■ 147, 228, 242

■ 147, 0, 121

■ 147, 239, 255

Harmonies

Analogous

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



133, 128, 152



147, 124, 143



155, 122, 131

Triad

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



147, 124, 143



120, 140, 106



98, 119, 143

Complementary

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



147, 124, 143



124, 144, 147

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, 122, 138



147, 124, 143



110, 134, 117

Square

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



147, 124, 143



151, 136, 110



113, 133, 137



104, 123, 152

Rectangle

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



147, 124, 143



157, 123, 123



113, 133, 137



98, 118, 139

Sweetspot

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



147, 124, 143



191, 182, 190



128, 124, 147



97, 91, 96



224, 224, 224



97, 97, 97

Same Dimension

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



147, 124, 143



191, 155, 185



147, 124, 132



74, 67, 73



138, 0, 114



10, 0, 8

Inverse Universe

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



147, 124, 143



191, 155, 185



124, 138, 147



74, 67, 73



138, 0, 114



10, 0, 8

Previews

White Background



This preview shows how the RYB color 147, 124, 143 looks on a white background.

Color Contrast Check

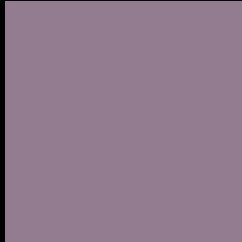
Large Text (above 18pt) WCAG AA ✓ Pass

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 147, 124, 143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

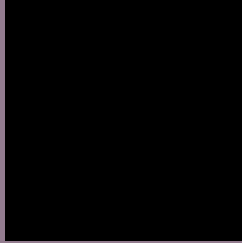
Any Text WCAG AA ✓ Pass

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 147, 124, 143 Background



This preview shows how black text looks on a background with the RYB color 147, 124, 143.



This preview shows how white text looks on a background with the RYB color 147, 124, 143.

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
147, 124, 143

Protanopia
129, 130, 147

Deuteranopia
138, 127, 142



Tritanopia
146, 125, 135

Trichromacy



Original Color

147, 124, 143

Protanomaly

136, 128, 146

Deuteranomaly

141, 126, 142

Tritanomaly

146, 125, 138

Monochromacy



Original Color

147, 124, 143

Achromatopsia

133, 133, 133

Achromatomaly

138, 130, 137

CSS Examples

Text

The CSS property to change the color of the text to RYB 147, 124, 143 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(147, 124, 143) looks like.

```
.text, #text, p{  
    color:rgb(147, 124, 143)  
}
```

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(147, 124, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 124, 143) }
```

Border

The CSS property to change the border of an element to RYB 147, 124, 143 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(147, 124, 143) }
```

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

```
.border{ border-color:rgb(147, 124, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 124, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 124, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 124, 143);  
box-shadow:4px 4px 4px 4px rgb(147, 124,  
143) }
```

Background

The CSS property to change the background color of an element to RYB 147, 124, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 124, 143) }
```

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

```
.background{ background-color: rgb(147,  
124, 143) }
```

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