

Converting Colors

`RYB(147, 122, 138)`

Have a look what the booklet for
RYB(147, 122, 138) contains.

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Color

R_YB(147, 122, 138)

Conversions

Conversions Part 1

Format	Color
Hex	937A8A
RGB	147, 122, 138
RGB Percent	58%, 48%, 54%
CMY	0.4235, 0.5216, 0.4588
CMYK	0.00, 0.17, 0.06, 0.42
HSL	322°, 10%, 53%
HSV	322°, 17%, 58%
XYZ	23.5796, 21.9571, 27.0401
YIQ	131.2990, 9.7640, 10.2760

Conversions

Conversions Part 2

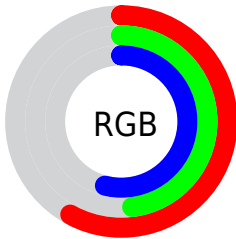
Format	Color
R_{YB}	147, 122, 138
Decimal	9665162
CIE Lab	53.98, 12.53, -5.06
CIE LCh	54, 13.511, 338.027
Yxy	21.9571, 0.3249, 0.3025
Android (android.graphics.Color)	4287855242 (0xFF937A8A)
YUV	131.2990, 3.3036, 13.7698
Hunter-Lab	46.8584, 7.8208, -1.4130

Details

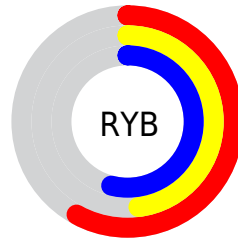
The RYB color **147, 122, 138** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **122, 140, 147**, and the grayscale version is **131, 131, 131**.

A 20% lighter version of the original color is **201, 174, 191**, and **96, 73, 88** is the 20% darker color. If you saturate the color by 10%, you get **147, 107, 133**, and if you desaturate by 10%, it is **147, 137, 143**.

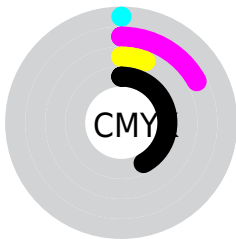
Distribution



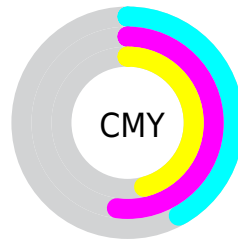
- Red (58%)
- Green (48%)
- Blue (54%)



- Red (58%)
- Yellow (48%)
- Blue (54%)



- Cyan (0%)
- Magenta (17%)
- Yellow (6%)
- Black (42%)



- Cyan (42%)
- Magenta (52%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 147, 122, 138 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, 122, 138 by changing the saturation by 10% instead.

 147, 122, 138


255, 255, 255

 201, 174, 191

 229, 202, 219

 255, 230, 248

 147, 122, 138

 121, 97, 113

 96, 73, 88


 72, 51, 65

 49, 29, 43


 29, 5, 23


 0, 0, 0


 147, 122, 138

 147, 107, 133

 147, 93, 127

 147, 122, 138

 147, 137, 143

 147, 150, 151

■ 147, 78, 122

■ 147, 161, 166

■ 147, 63, 117

■ 147, 172, 181

■ 147, 49, 112

■ 147, 182, 195

■ 147, 34, 106

■ 147, 193, 210

■ 147, 19, 101

■ 147, 204, 225

■ 147, 4, 96

■ 147, 216, 240

■ 147, 0, 94

■ 147, 225, 254

Harmonies

Analogous

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



135, 125, 147



147, 122, 138



153, 121, 126

Triad

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



147, 122, 138



114, 135, 106



99, 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, 122, 138



122, 140, 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.



100, 119, 136



147, 122, 138



111, 133, 122

Square

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



147, 122, 138



146, 139, 108



109, 127, 135



106, 123, 150

Rectangle

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



147, 122, 138



154, 122, 119



109, 127, 135



98, 118, 140

Sweetspot

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



147, 122, 138



191, 182, 188



131, 122, 147



97, 91, 95



224, 224, 224



97, 97, 97

Same Dimension

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



147, 122, 138



191, 153, 177



147, 122, 126



74, 67, 71



138, 0, 88



10, 0, 7

Inverse Universe

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



147, 122, 138



191, 153, 177



122, 136, 147



74, 67, 71



138, 0, 88



10, 0, 7

Previews

White Background



This preview shows how the RYB color 147, 122, 138 looks on a white background.

Color Contrast Check

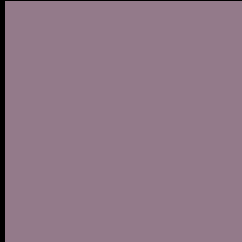
Large Text (above 18pt) WCAG AA ✓ Pass

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, 122, 138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

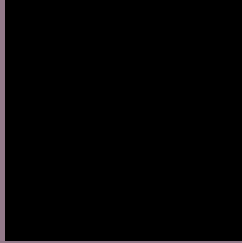
Any Text WCAG AA ✓ Pass

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, 122, 138 Background



This preview shows how black text looks on a background with the RYB color 147, 122, 138.



This preview shows how white text looks on a background with the RYB color 147, 122, 138.

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, 122, 138

Protanopia

128, 128, 142

Deuteranopia

138, 125, 137



Tritanopia
146, 123, 133

Trichromacy



Original Color

147, 122, 138

Protanomaly

135, 126, 141

Deuteranomaly

141, 124, 137

Tritanomaly

146, 123, 135

Monochromacy



Original Color

147, 122, 138

Achromatopsia

131, 131, 131

Achromatomaly

137, 128, 134

CSS Examples

Text

The CSS property to change the color of the text to RGB 147, 122, 138 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, 122, 138) looks like.

```
.text, #text, p{  
    color:rgb(147, 122, 138)  
}
```

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, 122, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 122, 138) }
```

Border

The CSS property to change the border of an element to RYB 147, 122, 138 is called "border". The border property can be set on classes, ids or directly on the HTML element.

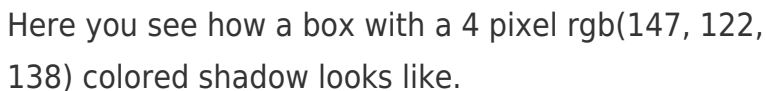
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 122, 138) }
```

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

```
.border{ border-color:rgb(147, 122, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 122, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 122, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 122, 138); box-shadow:4px 4px 4px 4px rgb(147, 122, 138) }
```

Background

The CSS property to change the background color of an element to RYB 147, 122, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 122, 138) }
```

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

```
.background{ background-color: rgb(147,  
122, 138) }
```

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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