

Converting Colors

`RYB(142, 111, 122)`

Have a look what the booklet for
RYB(142, 111, 122) contains.

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Color

$\text{RYB}(142, 111, 122)$

Conversions

Conversions Part 1

Format	Color
Hex	8E6F7A
RGB	142, 111, 122
RGB Percent	56%, 44%, 48%
CMY	0.4431, 0.5647, 0.5216
CMYK	0.00, 0.22, 0.14, 0.44
HSL	339°, 12%, 50%
HSV	339°, 22%, 56%
XYZ	20.3526, 18.5248, 20.9153
YIQ	121.5230, 14.9450, 9.9930

Conversions

Conversions Part 2

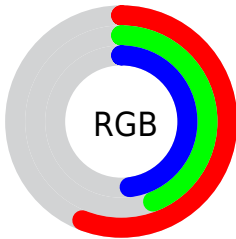
Format	Color
R_{YB}	142, 111, 122
Decimal	9334650
CIE _{Lab}	50.13, 14.10, -1.39
CIE _{LCh}	50, 14.173, 354.385
Yxy	18.5248, 0.3404, 0.3098
Android (android.graphics.Color)	4287524730 (0xFF8E6F7A)
YUV	121.5230, 0.2352, 17.9583
Hunter-Lab	43.0404, 9.0869, 1.3166

Details

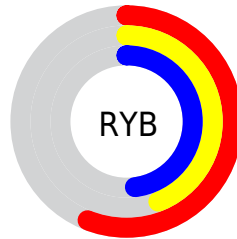
The RYB color **142, 111, 122** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **111, 130, 142**, and the grayscale version is **122, 122, 122**.

A 20% lighter version of the original color is **196, 163, 174**, and **91, 63, 73** is the 20% darker color. If you saturate the color by 10%, you get **142, 97, 113**, and if you desaturate by 10%, it is **142, 125, 131**.

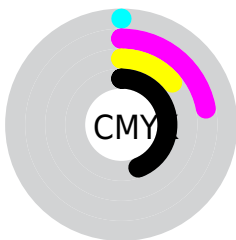
Distribution



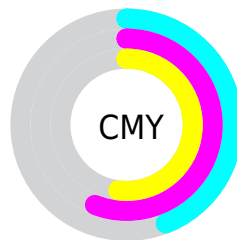
- Red (56%)
- Green (44%)
- Blue (48%)



- Red (56%)
- Yellow (44%)
- Blue (48%)



- Cyan (0%)
- Magenta (22%)
- Yellow (14%)
- Black (44%)



- Cyan (44%)
- Magenta (56%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the RYB color 142, 111, 122 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 142, 111, 122 by changing the saturation by 10% instead.

 142, 111, 122

255, 255, 255

 196, 163, 174

 224, 190, 202


 253, 218, 230


 255, 246, 255


 142, 111, 122

 142, 97, 113

 142, 83, 104

 142, 111, 122

 116, 86, 97


 91, 63, 73


 67, 41, 51

 45, 20, 30

 27, 0, 4

 0, 0, 0

 142, 111, 122

 142, 125, 131

 142, 139, 140

■ 142, 68, 95

■ 142, 150, 154

■ 142, 54, 85

■ 142, 158, 168

■ 142, 40, 76

■ 142, 166, 182

■ 142, 26, 67

■ 142, 175, 196

■ 142, 12, 58

■ 142, 183, 210

■ 142, 0, 50

■ 142, 193, 225

■ 142, 201, 239

Harmonies

Analogous

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



133, 113, 133



142, 111, 122



145, 111, 110

Triad

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



142, 111, 122



97, 122, 101



91, 110, 138

Complementary

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



142, 111, 122



111, 130, 142

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.



87, 107, 129



142, 111, 122



104, 124, 125

Square

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



142, 111, 122



115, 131, 95



93, 112, 126



103, 115, 143

Rectangle

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



142, 111, 122



142, 116, 103



93, 112, 126



88, 109, 136

Sweetspot

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



142, 111, 122



184, 171, 175



131, 111, 142



92, 84, 87



219, 219, 219



92, 92, 92

Same Dimension

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



142, 111, 122



184, 136, 153



142, 116, 111



71, 64, 67



135, 0, 48



8, 0, 3

Inverse Universe

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



142, 111, 122



184, 136, 153



111, 125, 142



71, 64, 67



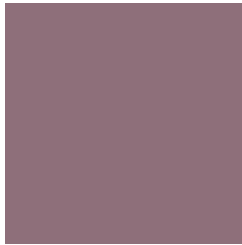
135, 0, 48



8, 0, 3

Previews

White Background



This preview shows how the RYB color 142, 111, 122 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 142, 111, 122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

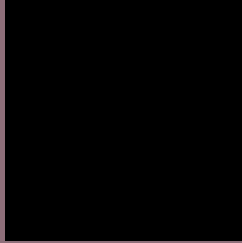
Any Text WCAG AA ✓ Pass

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](#).

RYP 142, 111, 122 Background



This preview shows how black text looks on a background with the RYB color 142, 111, 122.



This preview shows how white text looks on a background with the RYB color 142, 111, 122.

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


142, 111, 122

Protanopia

120, 119, 127

Deuteranopia

130, 116, 121



Tritanopia
142, 111, 120

Trichromacy



Original Color

142, 111, 122

Protanomaly

128, 116, 125

Deuteranomaly

134, 114, 121

Tritanomaly

142, 111, 121

Monochromacy



Original Color

142, 111, 122

Achromatopsia

122, 122, 122

Achromatomaly

129, 118, 122

CSS Examples

Text

The CSS property to change the color of the text to RYB 142, 111, 122 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(142, 111, 122) looks like.

```
.text, #text, p{  
    color:rgb(142, 111, 122)  
}
```

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(142, 111, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 111, 122) }
```

Border

The CSS property to change the border of an element to RYB 142, 111, 122 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(142, 111, 122) }
```

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

```
.border{ border-color:rgb(142, 111, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 111, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 111, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 111, 122);  
box-shadow:4px 4px 4px 4px rgb(142, 111,  
122) }
```

Background

The CSS property to change the background color of an element to RYB 142, 111, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 111, 122) }
```

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

```
.background{ background-color: rgb(142,  
111, 122) }
```

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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