

Converting Colors

`RYB(142, 111, 132)`

Have a look what the booklet for
RYB(142, 111, 132) contains.

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Color

$\text{RYB}(142, 111, 132)$

Conversions

Conversions Part 1

Format	Color
Hex	8E6F84
RGB	142, 111, 132
RGB Percent	56%, 44%, 52%
CMY	0.4431, 0.5647, 0.4824
CMYK	0.00, 0.22, 0.07, 0.44
HSL	319°, 12%, 50%
HSV	319°, 22%, 56%
XYZ	21.0046, 18.7856, 24.3487
YIQ	122.6630, 11.7350, 13.1030

Conversions

Conversions Part 2

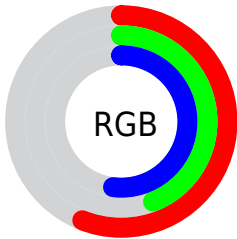
Format	Color
R_{YB}	142, 111, 132
Decimal	9334660
CIE Lab	50.44, 15.93, -6.85
CIE LCh	50, 17.345, 336.733
Yxy	18.7856, 0.3275, 0.2929
Android (android.graphics.Color)	4287524740 (0xFF8E6F84)
YUV	122.6630, 4.6031, 16.9585
Hunter-Lab	43.3424, 10.6557, -2.9681

Details

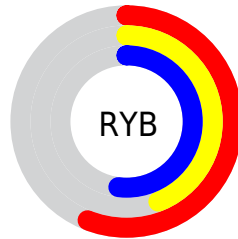
The RYB color **142, 111, 132** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **111, 134, 142**, and the grayscale version is **123, 123, 123**.

A 20% lighter version of the original color is **196, 163, 185**, and **91, 63, 83** is the 20% darker color. If you saturate the color by 10%, you get **142, 97, 127**, and if you desaturate by 10%, it is **142, 125, 137**.

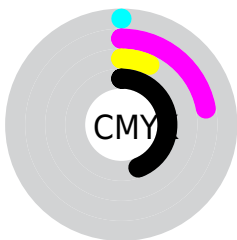
Distribution



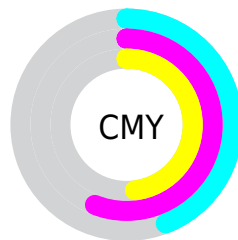
- Red (56%)
- Green (44%)
- Blue (52%)



- Red (56%)
- Yellow (44%)
- Blue (52%)



- Cyan (0%)
- Magenta (22%)
- Yellow (7%)
- Black (44%)



- Cyan (44%)
- Magenta (56%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the RYB color 142, 111, 132 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, 132 by changing the saturation by 10% instead.

 142, 111, 132


255, 255, 255

 196, 163, 185


 224, 190, 213

 253, 218, 241

 255, 246, 255

 142, 111, 132

 116, 86, 107

 91, 63, 83

 67, 41, 60

 45, 20, 38

 27, 0, 17

 0, 0, 0


 142, 111, 132

 142, 97, 127

 142, 83, 123

 142, 111, 132

 142, 125, 137

 142, 139, 141

■ 142, 68, 118

■ 142, 151, 154

■ 142, 54, 114

■ 142, 162, 168

■ 142, 40, 109

■ 142, 172, 182

■ 142, 26, 105

■ 142, 183, 196

■ 142, 12, 100

■ 142, 193, 210

■ 142, 0, 96

■ 142, 205, 225

■ 142, 216, 239

Harmonies

Analogous

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



127, 115, 144



142, 111, 132



150, 109, 117

Triad

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



142, 111, 132



101, 128, 91



79, 106, 137

Complementary

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



142, 111, 132



111, 134, 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.



82, 107, 129



142, 111, 132



96, 124, 109

Square

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



142, 111, 132



141, 134, 93



95, 118, 127



88, 111, 147

Rectangle

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



142, 111, 132



150, 110, 107



95, 118, 127



78, 104, 133

Sweetspot

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



142, 111, 132



184, 171, 179



121, 111, 142



92, 84, 89



219, 219, 219



92, 92, 92

Same Dimension

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



142, 111, 132



184, 136, 168



142, 111, 117



71, 64, 69



135, 0, 92



8, 0, 5

Inverse Universe

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



142, 111, 132



184, 136, 168



111, 128, 142



71, 64, 69



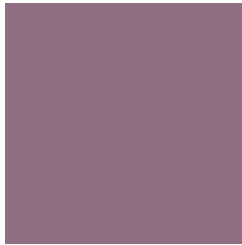
135, 0, 92



8, 0, 5

Previews

White Background



This preview shows how the RYB color 142, 111, 132 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, 132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

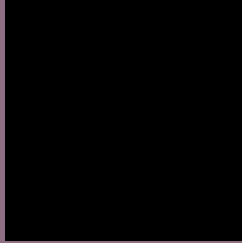
Any Text WCAG AA ✓ Pass

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 142, 111, 132 Background



This preview shows how black text looks on a background with the RYB color 142, 111, 132.



This preview shows how white text looks on a background with the RYB color 142, 111, 132.

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, 132

Protanopia
117, 119, 137

Deuteranopia
127, 117, 131



Tritanopia
141, 113, 122

Trichromacy



Original Color

142, 111, 132

Protanomaly

126, 116, 135

Deuteranomaly

132, 115, 131

Tritanomaly

141, 112, 126

Monochromacy



Original Color

142, 111, 132

Achromatopsia

123, 123, 123

Achromatomaly

130, 119, 126

CSS Examples

Text

The CSS property to change the color of the text to RYB 142, 111, 132 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, 132) looks like.

```
.text, #text, p{  
    color:rgb(142, 111, 132)  
}
```

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, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 111, 132) }
```

Border

The CSS property to change the border of an element to RYB 142, 111, 132 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, 132) }
```

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

```
.border{ border-color:rgb(142, 111, 132) }
```

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, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 111, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 111, 132);  
box-shadow:4px 4px 4px 4px rgb(142, 111,  
132) }
```

Background

The CSS property to change the background color of an element to RYB 142, 111, 132 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, 132) }
```

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

```
.background{ background-color: rgb(142,  
111, 132) }
```

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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