

Converting Colors

`RYB(132, 94, 111)`

Have a look what the booklet for
RYB(132, 94, 111) contains.

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Color

R_YB(132, 94, 111)

Conversions

Conversions Part 1

Format	Color
Hex	845E6F
RGB	132, 94, 111
RGB Percent	52%, 37%, 44%
CMY	0.4824, 0.6314, 0.5647
CMYK	0.00, 0.29, 0.16, 0.48
HSL	333°, 17%, 44%
HSV	333°, 29%, 52%
XYZ	16.3877, 14.0586, 16.8888
YIQ	107.3000, 17.1910, 13.3430

Conversions

Conversions Part 2

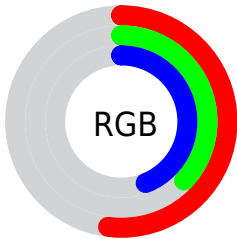
Format	Color
R_{YB}	132, 94, 111
Decimal	8674927
CIE _{Lab}	44.32, 18.30, -3.46
CIE _{LCh}	44, 18.627, 349.282
Yxy	14.0586, 0.3462, 0.2970
Android (android.graphics.Color)	4286865007 (0xFF845E6F)
YUV	107.3000, 1.8241, 21.6619
Hunter-Lab	37.4949, 12.4000, -0.4596

Details

The RYB color **132, 94, 111** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **94, 118, 132**, and the grayscale version is **107, 107, 107**.

A 20% lighter version of the original color is **186, 145, 163**, and **82, 47, 63** is the 20% darker color. If you saturate the color by 10%, you get **132, 81, 104**, and if you desaturate by 10%, it is **132, 107, 118**.

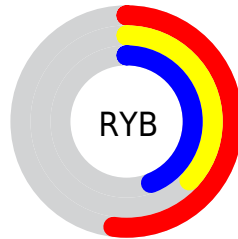
Distribution



Red (52%)

Green (37%)

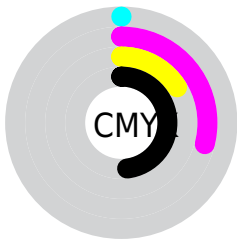
Blue (44%)



Red (52%)

Yellow (37%)

Blue (44%)

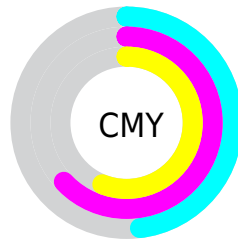


Cyan (0%)

Magenta (29%)

Yellow (16%)

Black (48%)



Cyan (48%)

Magenta (63%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 132, 94, 111 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 132, 94, 111 by changing the saturation by 10% instead.



132, 94, 111



132, 94, 111

255, 255, 255



106, 70, 87



186, 145, 163



82, 47, 63



214, 171, 190



58, 26, 42



242, 199, 217



37, 2, 21



255, 227, 246



0, 0, 0



132, 94, 111



132, 94, 111



132, 81, 104



132, 107, 118



132, 68, 96



132, 120, 126



132, 54, 89



132, 133, 134

■ 132, 41, 82

■ 132, 142, 147

■ 132, 28, 75

■ 132, 150, 160

■ 132, 15, 67

■ 132, 158, 173

■ 132, 2, 60

■ 132, 167, 186

■ 132, 0, 59

■ 132, 176, 200

■ 132, 184, 213

Harmonies

Analogous

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



119, 98, 125



132, 94, 111



136, 94, 95

Triad

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



132, 94, 111



75, 107, 76



61, 90, 128

Complementary

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



132, 94, 111



94, 118, 132

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.



59, 86, 114



132, 94, 111



84, 111, 107

Square

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



132, 94, 111



107, 121, 75



71, 96, 113



78, 98, 135

Rectangle

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



132, 94, 111



134, 99, 86



71, 96, 113



59, 88, 124

Sweetspot

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



132, 94, 111



171, 155, 162



115, 94, 132



87, 77, 81



214, 214, 214



87, 87, 87

Same Dimension

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



132, 94, 111



171, 111, 138



132, 96, 94



66, 60, 63



130, 0, 58



3, 0, 1

Inverse Universe

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



132, 94, 111



171, 111, 138



94, 112, 132



66, 60, 63



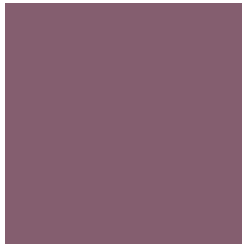
130, 0, 58



3, 0, 1

Previews

White Background



This preview shows how the RYB color 132, 94, 111 looks on a white background.

Color Contrast Check

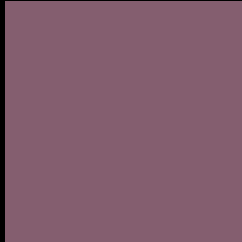
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 132, 94, 111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

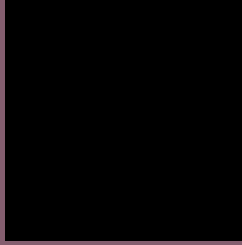
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 132, 94, 111 Background



This preview shows how black text looks on a background with the RYB color 132, 94, 111.



This preview shows how white text looks on a background with the RYB color 132, 94, 111.

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


132, 94, 111

Protanopia

103, 104, 117

Deuteranopia

113, 102, 110



Tritanopia
131, 95, 103

Trichromacy



Original Color

132, 94, 111

Protanomaly

114, 100, 115

Deuteranomaly

120, 99, 110

Tritanomaly

131, 95, 106

Monochromacy



Original Color

132, 94, 111

Achromatopsia

107, 107, 107

Achromatomaly

116, 102, 108

CSS Examples

Text

The CSS property to change the color of the text to RYB 132, 94, 111 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(132, 94, 111)` looks like.

```
.text, #text, p{  
    color:rgb(132, 94, 111)  
}
```

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(132, 94, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 94, 111) }
```

Border

The CSS property to change the border of an element to RYB 132, 94, 111 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(132, 94, 111) }
```

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

```
.border{ border-color:rgb(132, 94, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 94, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 94, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 94, 111);  
box-shadow:4px 4px 4px 4px rgb(132, 94,  
111) }
```

Background

The CSS property to change the background color of an element to RGB 132, 94, 111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 94, 111) }
```

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

```
.background{ background-color: rgb(132, 94,  
111) }
```

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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