

Converting Colors

`RYB(132, 78, 122)`

Have a look what the booklet for
RYB(132, 78, 122) contains.

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Color

R_YB(132, 78, 122)

Conversions

Conversions Part 1

Format	Color
Hex	844E7A
RGB	132, 78, 122
RGB Percent	52%, 31%, 48%
CMY	0.4824, 0.6941, 0.5216
CMYK	0.00, 0.41, 0.08, 0.48
HSL	311°, 26%, 41%
HSV	311°, 41%, 52%
XYZ	15.7530, 11.7595, 19.8519
YIQ	99.1620, 18.0600, 25.1320

Conversions

Conversions Part 2

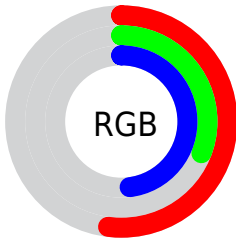
Format	Color
R_{YB}	132, 78, 122
Decimal	8670842
CIE Lab	40.83, 29.69, -15.42
CIE LCh	41, 33.454, 332.547
Yxy	11.7595, 0.3326, 0.2483
Android (android.graphics.Color)	4286860922 (0xFF844E7A)
YUV	99.1620, 11.2591, 28.7989
Hunter-Lab	34.2921, 21.9876, -10.3189

Details

The RYB color **132, 78, 122** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **78, 124, 132**, and the grayscale version is **99, 99, 99**.

A 20% lighter version of the original color is **186, 128, 174**, and **81, 31, 73** is the 20% darker color. If you saturate the color by 10%, you get **132, 65, 120**, and if you desaturate by 10%, it is **132, 91, 124**.

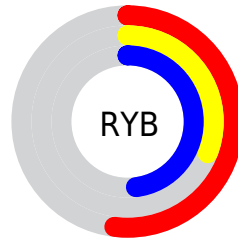
Distribution



Red (52%)

Green (31%)

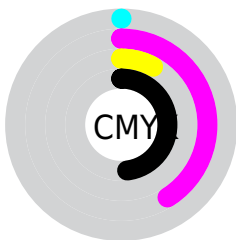
Blue (48%)



Red (52%)

Yellow (31%)

Blue (48%)

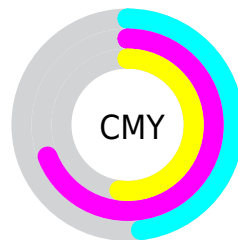


Cyan (0%)

Magenta (41%)

Yellow (8%)

Black (48%)



Cyan (48%)


Magenta (69%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 132, 78, 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 132, 78, 122 by changing the saturation by 10% instead.

 132, 78, 122

255, 255, 255

 186, 128, 174

 214, 155, 202


 243, 182, 230

 255, 210, 255

 255, 238, 255

 132, 78, 122

 106, 54, 97

 81, 31, 73

 57, 6, 51

 38, 0, 30

 0, 0, 0


 132, 78, 122

 132, 65, 120

 132, 52, 117

 132, 78, 122

 132, 91, 124

 132, 104, 127

132, 38, 115

132, 118, 129

132, 25, 112

132, 131, 132

132, 12, 110

132, 142, 144

132, 0, 108

132, 153, 157

132, 164, 170

132, 176, 184

132, 187, 197

Harmonies

Analogous

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



101, 88, 143



132, 78, 122



147, 73, 95

Triad

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



132, 78, 122



58, 110, 40



0, 58, 125

Complementary

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



132, 78, 122



78, 124, 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.



0, 58, 110



132, 78, 122



48, 103, 69

Square

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



132, 78, 122



132, 117, 48



46, 91, 108



0, 61, 144

Rectangle

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



132, 78, 122



148, 74, 77



46, 91, 108



0, 56, 116

Sweetspot

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



132, 78, 122



171, 150, 167



88, 78, 132



87, 75, 84



214, 214, 214



87, 87, 87

Same Dimension

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



132, 78, 122



171, 87, 155



132, 78, 95



66, 60, 65



130, 0, 106



3, 0, 2

Inverse Universe

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



132, 78, 122



171, 87, 155



78, 110, 132



66, 60, 65



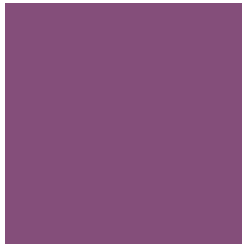
130, 0, 106



3, 0, 2

Previews

White Background



This preview shows how the RYB color 132, 78, 122 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, 78, 122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

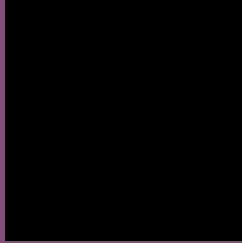
Any Text WCAG AA × Fail

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, 78, 122 Background



This preview shows how black text looks on a background with the RYB color 132, 78, 122.



This preview shows how white text looks on a background with the RYB color 132, 78, 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
132, 78, 122

Protanopia
85, 93, 135

Deuteranopia
95, 95, 119



Tritanopia
128, 84, 91

Trichromacy



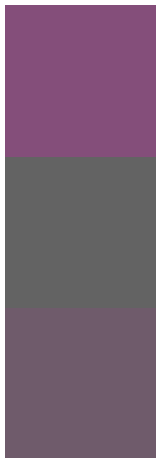
Original Color
132, 78, 122

Protanomaly
102, 89, 130

Deuteranomaly
108, 89, 120

Tritanomaly
129, 82, 102

Monochromacy



Original Color
132, 78, 122

Achromatopsia
99, 99, 99

Achromatomaly
111, 91, 107

CSS Examples

Text

The CSS property to change the color of the text to RYB 132, 78, 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(132, 78, 122)` looks like.

```
.text, #text, p{  
    color:rgb(132, 78, 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(132, 78, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 78, 122) }
```

Border

The CSS property to change the border of an element to RYB 132, 78, 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(132, 78, 122) }
```

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

```
.border{ border-color:rgb(132, 78, 122) }
```

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

Here you see how a box with a 4 pixel rgb(132, 78, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 78, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 78, 122);  
box-shadow:4px 4px 4px 4px rgb(132, 78,  
122) }
```

Background

The CSS property to change the background color of an element to RGB 132, 78, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 78, 122) }
```

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

```
.background{ background-color: rgb(132, 78,  
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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