

Converting Colors

`RYB(121, 82, 125)`

Have a look what the booklet for
RYB(121, 82, 125) contains.

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Color

$\text{RYB}(121, 82, 125)$

Conversions

Conversions Part 1

Format	Color
Hex	79527D
RGB	121, 82, 125
RGB Percent	47%, 32%, 49%
CMY	0.5255, 0.6784, 0.5098
CMYK	0.03, 0.34, 0.00, 0.51
HSL	294°, 21%, 41%
HSV	294°, 34%, 49%
XYZ	14.6041, 11.5802, 20.8675
YIQ	98.5630, 9.4410, 21.6410

Conversions

Conversions Part 2

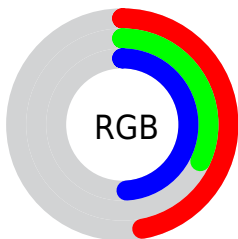
Format	Color
R_{YB}	121, 82, 125
Decimal	7950973
CIE _{Lab}	40.54, 24.09, -17.83
CIE _{LCh}	41, 29.970, 323.502
Yxy	11.5802, 0.3104, 0.2461
Android (android.graphics.Color)	4286141053 (0xFF79527D)
YUV	98.5630, 13.0334, 19.6772
Hunter-Lab	34.0297, 17.0528, -12.5367

Details

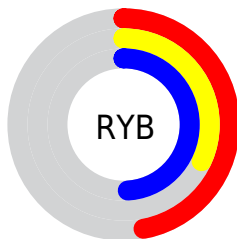
The RYB color **121, 82, 125** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **82, 125, 121**, and the grayscale version is **98, 98, 98**.

A 20% lighter version of the original color is **174, 132, 178**, and **71, 36, 76** is the 20% darker color. If you saturate the color by 10%, you get **120, 70, 125**, and if you desaturate by 10%, it is **122, 95, 125**.

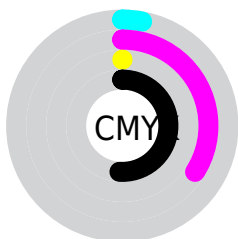
Distribution



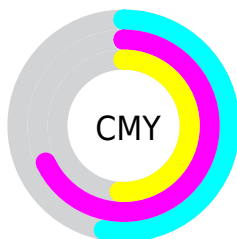
- Red (47%)
- Green (32%)
- Blue (49%)



- Red (47%)
- Yellow (32%)
- Blue (49%)



- Cyan (3%)
- Magenta (34%)
- Yellow (0%)
- Black (51%)



- Cyan (53%)
- Magenta (68%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 121, 82, 125 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 121, 82, 125 by changing the saturation by 10% instead.



121, 82, 125



121, 82, 125

255, 255, 255



96, 58, 100



174, 132, 178



71, 36, 76



202, 158, 205



48, 14, 53



230, 186, 233



30, 0, 32



255, 213, 255



0, 0, 4



255, 242, 255



0, 0, 0



121, 82, 125



121, 82, 125



120, 70, 125



122, 95, 125




119, 57, 125




123, 107, 125

 118, 45, 125


 124, 120, 125

 116, 32, 125


 125, 132, 131

 115, 20, 125

 125, 145, 143

 114, 7, 125

 125, 157, 154

 113, 0, 125

 125, 170, 166

 125, 182, 177

 125, 195, 189

Harmonies

Analogous

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



90, 91, 140



121, 82, 125



139, 76, 102

Triad

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



121, 82, 125



81, 115, 46



0, 55, 114

Complementary

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



121, 82, 125



82, 125, 121

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.



19, 69, 108



121, 82, 125



49, 100, 58

Square

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



121, 82, 125



133, 99, 57



62, 102, 105



0, 59, 134

Rectangle

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



121, 82, 125



142, 76, 85



62, 102, 105



0, 55, 108

Sweetspot

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



121, 82, 125



162, 147, 163



82, 86, 125



81, 72, 82



209, 209, 209



82, 82, 82

Same Dimension

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



121, 82, 125



157, 96, 163



125, 82, 108



63, 57, 64



116, 0, 128



0, 0, 0

Inverse Universe

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



125, 82, 86



163, 96, 103



82, 113, 125



64, 57, 58



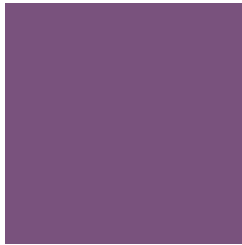
128, 0, 12



0, 0, 0

Previews

White Background



This preview shows how the RYB color 121, 82, 125 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 121, 82, 125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

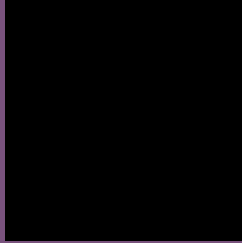
Any Text WCAG AA × Fail

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 121, 82, 125 Background



This preview shows how black text looks on a background with the RYB color 121, 82, 125.



This preview shows how white text looks on a background with the RYB color 121, 82, 125.

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
121, 82, 125

Protanopia
84, 93, 135

Deuteranopia
91, 94, 123



Tritanopia
117, 88, 95

Trichromacy



Original Color
121, 82, 125

Protanomaly
97, 90, 131

Deuteranomaly
102, 90, 124

Tritanomaly
118, 86, 106

Monochromacy



Original Color
121, 82, 125

Achromatopsia
99, 99, 99

Achromatomaly
107, 93, 108

CSS Examples

Text

The CSS property to change the color of the text to RYB 121, 82, 125 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(121, 82, 125) looks like.

```
.text, #text, p{  
    color:rgb(121, 82, 125)  
}
```

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(121, 82, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 82, 125) }
```

Border

The CSS property to change the border of an element to RYB 121, 82, 125 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(121, 82, 125) }
```

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

```
.border{ border-color:rgb(121, 82, 125) }
```

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

Here you see how a box with a 4 pixel rgb(121, 82, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 82, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 82, 125);  
box-shadow:4px 4px 4px 4px rgb(121, 82,  
125) }
```

Background

The CSS property to change the background color of an element to RGB 121, 82, 125 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 82, 125) }
```

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

```
.background{ background-color: rgb(121, 82,  
125) }
```

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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