

Converting Colors

`RYB(125, 99, 121)`

Have a look what the booklet for
RYB(125, 99, 121) contains.

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Color

`RYB(125, 99, 121)`

Conversions

Conversions Part 1

Format	Color
Hex	7D6379
RGB	125, 99, 121
RGB Percent	49%, 39%, 47%
CMY	0.5098, 0.6118, 0.5255
CMYK	0.00, 0.21, 0.03, 0.51
HSL	309°, 12%, 44%
HSV	309°, 21%, 49%
XYZ	16.3705, 14.6641, 20.0568
YIQ	109.2820, 8.4340, 12.3540

Conversions

Conversions Part 2

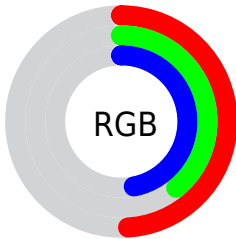
Format	Color
R_{YB}	125, 99, 121
Decimal	8217465
CIE Lab	45.17, 14.52, -8.33
CIE LCh	45, 16.744, 330.165
Yxy	14.6641, 0.3204, 0.2870
Android (android.graphics.Color)	4286407545 (0xFF7D6379)
YUV	109.2820, 5.7770, 13.7847
Hunter-Lab	38.2938, 9.2941, -4.2482

Details

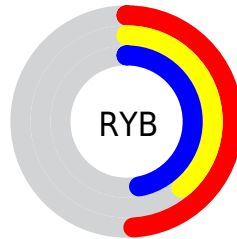
The RYB color **125, 99, 121** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **99, 122, 125**, and the grayscale version is **109, 109, 109**.

A 20% lighter version of the original color is **178, 150, 173**, and **76, 52, 72** is the 20% darker color. If you saturate the color by 10%, you get **125, 86, 119**, and if you desaturate by 10%, it is **125, 112, 123**.

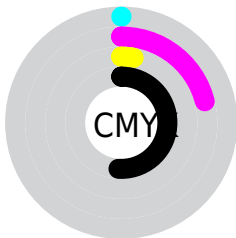
Distribution



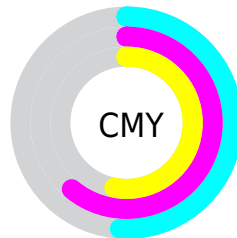
- Red (49%)
- Green (39%)
- Blue (47%)



- Red (49%)
- Yellow (39%)
- Blue (47%)



- Cyan (0%)
- Magenta (21%)
- Yellow (3%)
- Black (51%)























- Cyan (51%)
- Magenta (61%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 99, 121 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 125, 99, 121 by changing the saturation by 10% instead.

 125, 99, 121	 125, 99, 121
 255, 255, 255	 100, 75, 96
 178, 150, 173	 76, 52, 72
 205, 177, 201	 53, 31, 50
 234, 204, 229	 32, 8, 29
 255, 232, 255	 0, 0, 0

 125, 99, 121	 125, 99, 121
 125, 86, 119	 125, 112, 123
 125, 74, 117	 125, 124, 125
 125, 61, 115	 125, 135, 137

■ 125, 49, 113

■ 125, 146, 149

■ 125, 37, 111

■ 125, 157, 162

■ 125, 24, 109

■ 125, 167, 174

■ 125, 12, 108

■ 125, 179, 187

■ 125, 0, 106

■ 125, 189, 199

■ 125, 201, 212

Harmonies

Analogous

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



109, 103, 131



125, 99, 121



134, 97, 107

Triad

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



125, 99, 121



94, 117, 79



67, 92, 120

Complementary

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



125, 99, 121



99, 122, 125

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.



73, 97, 115



125, 99, 121



83, 110, 91

Square

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



125, 99, 121



129, 113, 83



86, 107, 113



73, 96, 131

Rectangle

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



125, 99, 121



136, 97, 98



86, 107, 113



67, 91, 116

Sweetspot

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



125, 99, 121



163, 153, 162



103, 99, 125



82, 76, 81



209, 209, 209



82, 82, 82

Same Dimension

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



125, 99, 121



163, 122, 157



125, 99, 108



64, 57, 63



128, 0, 108



0, 0, 0

Inverse Universe

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



125, 99, 121



163, 122, 157



99, 115, 125



64, 57, 63



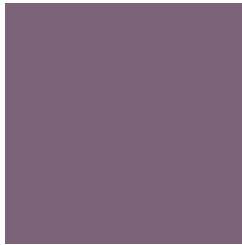
128, 0, 108



0, 0, 0

Previews

White Background



This preview shows how the RYB color 125, 99, 121 looks on a white background.

Color Contrast Check

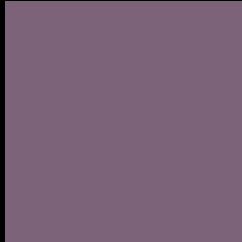
Large Text (above 18pt) WCAG AA ✓ Pass

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 125, 99, 121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

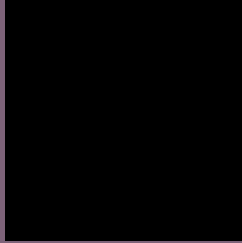
Any Text WCAG AA × Fail

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](#).

R Y B 125, 99, 121 Background



This preview shows how black text looks on a background with the RYB color 125, 99, 121.



This preview shows how white text looks on a background with the RYB color 125, 99, 121.

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

125, 99, 121

Protanopia

103, 106, 126

Deuteranopia

111, 104, 120



Tritanopia
123, 101, 109

Trichromacy



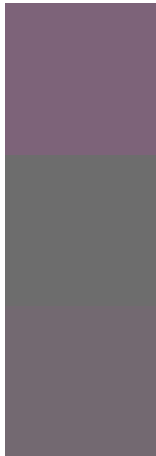
Original Color
125, 99, 121

Protanomaly
111, 103, 124

Deuteranomaly
116, 102, 120

Tritanomaly
124, 100, 113

Monochromacy



Original Color
125, 99, 121

Achromatopsia
109, 109, 109

Achromatomaly
115, 105, 113

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 99, 121 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(125, 99, 121)` looks like.

```
.text, #text, p{  
    color:rgb(125, 99, 121)  
}
```

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(125, 99, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 99, 121) }
```

Border

The CSS property to change the border of an element to RYB 125, 99, 121 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(125, 99, 121) }
```

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

```
.border{ border-color:rgb(125, 99, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 99, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 99, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 99, 121);  
box-shadow:4px 4px 4px 4px rgb(125, 99,  
121) }
```

Background

The CSS property to change the background color of an element to RGB 125, 99, 121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 99, 121) }
```

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

```
.background{ background-color: rgb(125, 99,  
121) }
```

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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