

Converting Colors

`RYB(122, 109, 139)`

Have a look what the booklet for
RYB(122, 109, 139) contains.

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Color

R_YB(122, 109, 139)

Conversions

Conversions Part 1

Format	Color
Hex	7A6D8B
RGB	122, 109, 139
RGB Percent	48%, 43%, 55%
CMY	0.5216, 0.5725, 0.4549
CMYK	0.12, 0.22, 0.00, 0.45
HSL	266°, 12%, 49%
HSV	266°, 22%, 55%
XYZ	18.1549, 16.9389, 26.7388
YIQ	116.3070, -1.8820, 12.0860

Conversions

Conversions Part 2

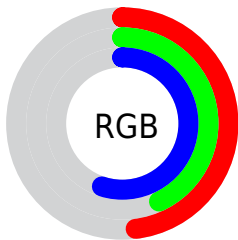
Format	Color
RYB	122, 109, 139
Decimal	8023435
CIELab	48.18, 11.30, -14.58
CIElCh	48, 18.451, 307.775
Yxy	16.9389, 0.2936, 0.2739
Android (android.graphics.Color)	4286213515 (0xFF7A6D8B)
YUV	116.3070, 11.1876, 4.9928
Hunter-Lab	41.1569, 6.7141, -9.7096

Details

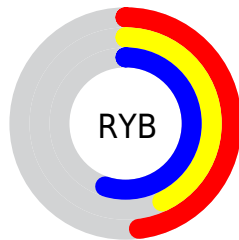
The RYB color **122, 109, 139** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **109, 139, 122**, and the grayscale version is **116, 116, 116**.

A 20% lighter version of the original color is **175, 161, 193**, and **73, 61, 89** is the 20% darker color. If you saturate the color by 10%, you get **114, 95, 139**, and if you desaturate by 10%, it is **130, 123, 139**.

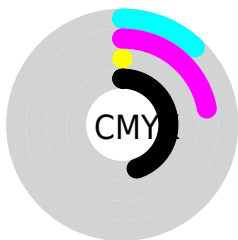
Distribution



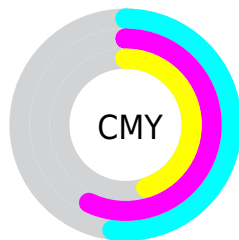
- Red (48%)
- Green (43%)
- Blue (55%)



- Red (48%)
- Yellow (43%)
- Blue (55%)



- Cyan (12%)
- Magenta (22%)
- Yellow (0%)
- Black (45%)



- Cyan (52%)
- Magenta (57%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 122, 109, 139 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 122, 109, 139 by changing the saturation by 10% instead.

■ 122, 109, 139

255, 255, 255

■ 175, 161, 193

■ 202, 188, 220

■ 230, 215, 249

■ 255, 244, 255

■ 122, 109, 139

■ 97, 85, 113

■ 73, 61, 89

■ 50, 40, 65

■ 29, 19, 43

■ 0, 0, 23

■ 0, 0, 0

■ 122, 109, 139

■ 114, 95, 139

■ 106, 81, 139

■ 122, 109, 139

■ 130, 123, 139

■ 138, 137, 139

■ 98, 67, 139

■ 139, 151, 144

■ 90, 53, 139

■ 139, 165, 150

■ 83, 40, 139

■ 139, 179, 157

■ 75, 26, 139

■ 139, 192, 162

■ 67, 12, 139

■ 139, 206, 168

■ 60, 0, 139

■ 139, 220, 174

■ 139, 234, 180

Harmonies

Analogous

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



101, 111, 145



122, 109, 139



138, 105, 126

Triad

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



122, 109, 139



136, 129, 86



73, 99, 123

Complementary

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



122, 109, 139



109, 139, 122

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.



87, 112, 122



122, 109, 139



93, 122, 84

Square

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



122, 109, 139



145, 107, 96



89, 119, 104



69, 98, 133

Rectangle

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



122, 109, 139



144, 103, 116



89, 119, 104



77, 103, 123

Sweetspot

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



122, 109, 139



175, 170, 181



109, 120, 139



88, 85, 92



219, 219, 219



92, 92, 92

Same Dimension

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



122, 109, 139



154, 134, 181



137, 109, 139



65, 62, 69



57, 0, 133



2, 0, 5

Inverse Universe

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



139, 109, 126



181, 134, 161



109, 139, 137



69, 62, 66



133, 0, 75



5, 0, 3

Previews

White Background



This preview shows how the RYB color 122, 109, 139 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 122, 109, 139 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](#).

RYP 122, 109, 139 Background



This preview shows how black text looks on a background with the RYB color 122, 109, 139.



This preview shows how white text looks on a background with the RYB color 122, 109, 139.

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
122, 109, 139

Protanopia
108, 112, 142

Deuteranopia
114, 112, 138



Tritanopia
119, 112, 121

Trichromacy



Original Color

122, 109, 139

Protanomaly

113, 112, 141

Deuteranomaly

117, 111, 138

Tritanomaly

120, 111, 128

Monochromacy



Original Color

122, 109, 139

Achromatopsia

116, 116, 116

Achromatomaly

118, 113, 124

CSS Examples

Text

The CSS property to change the color of the text to RYB 122, 109, 139 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(122, 109, 139)` looks like.

```
.text, #text, p{  
    color:rgb(122, 109, 139)  
}
```

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(122, 109, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 109, 139) }
```

Border

The CSS property to change the border of an element to RYB 122, 109, 139 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(122, 109, 139) }
```

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

```
.border{ border-color:rgb(122, 109, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 109, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 109, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 109, 139);  
box-shadow:4px 4px 4px 4px rgb(122, 109,  
139) }
```

Background

The CSS property to change the background color of an element to RYB 122, 109, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 109, 139) }
```

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

```
.background{ background-color: rgb(122,  
109, 139) }
```

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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