

Converting Colors

`RYB(98, 82, 109)`

Have a look what the booklet for
RYB(98, 82, 109) contains.

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Color

R_YB(98, 82, 109)

Conversions

Conversions Part 1

Format	Color
Hex	62526D
RGB	98, 82, 109
RGB Percent	38%, 32%, 43%
CMY	0.6157, 0.6784, 0.5725
CMYK	0.10, 0.25, 0.00, 0.57
HSL	276°, 14%, 37%
HSV	276°, 25%, 43%
XYZ	10.8146, 9.7354, 15.7771
YIQ	89.8620, 0.8690, 11.7890

Conversions

Conversions Part 2

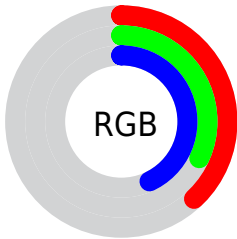
Format	Color
RYB	98, 82, 109
Decimal	6443629
CIELab	37.36, 12.27, -13.04
CIElCh	37, 17.908, 313.257
Yxy	9.7354, 0.2977, 0.2680
Android (android.graphics.Color)	4284633709 (0xFF62526D)
YUV	89.8620, 9.4350, 7.1370
Hunter-Lab	31.2016, 7.2662, -8.1390

Details

The RYB color **98, 82, 109** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **82, 109, 98**, and the grayscale version is **90, 90, 90**.

A 20% lighter version of the original color is **149, 131, 161**, and **51, 37, 61** is the 20% darker color. If you saturate the color by 10%, you get **94, 71, 109**, and if you desaturate by 10%, it is **102, 93, 109**.

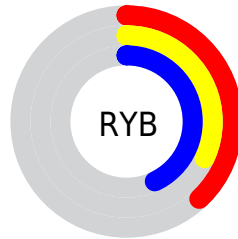
Distribution



 Red (38%)

 Green (32%)

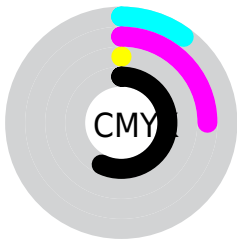
 Blue (43%)



 Red (38%)

 Yellow (32%)

 Blue (43%)

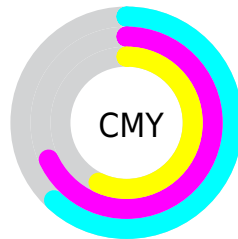


 Cyan (10%)

 Magenta (25%)

 Yellow (0%)

 Black (57%)



 Cyan (62%)

 Magenta (68%)

 Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 98, 82, 109 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 98, 82, 109 by changing the saturation by 10% instead.



98, 82, 109



98, 82, 109

255, 255, 255



74, 59, 85



149, 131, 161



51, 37, 61



176, 158, 188



30, 17, 40



203, 185, 215



0, 0, 19



231, 212, 244



0, 0, 0



255, 241, 255



98, 82, 109



98, 82, 109



94, 71, 109



102, 93, 109



89, 60, 109



107, 104, 109

■ 85, 49, 109

■ 109, 115, 113

■ 80, 38, 109

■ 109, 126, 119

■ 76, 28, 109

■ 109, 137, 126

■ 71, 17, 109

■ 109, 147, 131

■ 67, 6, 109

■ 109, 158, 138

■ 65, 0, 109

■ 109, 169, 144

■ 109, 180, 151

Harmonies

Analogous

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



79, 86, 116



98, 82, 109



111, 78, 97

Triad

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



98, 82, 109



101, 105, 61



46, 72, 96

Complementary

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



98, 82, 109



82, 109, 98

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, 82, 95



98, 82, 109



63, 92, 60

Square

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



98, 82, 109



114, 84, 69



67, 93, 84



44, 72, 107

Rectangle

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



98, 82, 109



116, 77, 87



67, 93, 84



49, 74, 96

Sweetspot

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



98, 82, 109



139, 133, 143



82, 90, 109



69, 66, 71



199, 199, 199



71, 71, 71

Same Dimension

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



98, 82, 109



125, 100, 143



109, 82, 107



51, 48, 54



70, 0, 117



145, 0, 245

Inverse Universe

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



109, 82, 93



143, 100, 117



82, 107, 109



54, 48, 50



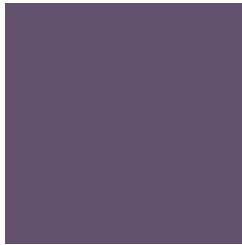
117, 0, 48



245, 0, 100

Previews

White Background



This preview shows how the RYB color 98, 82, 109 looks on a white background.

Color Contrast Check

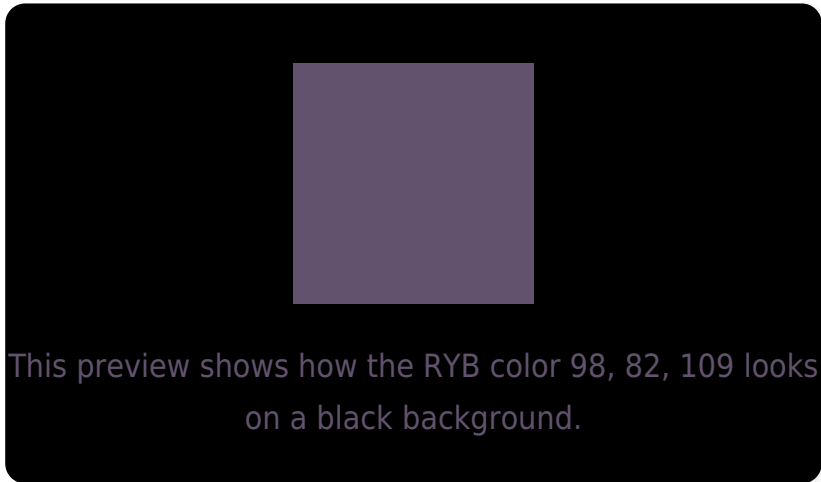
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

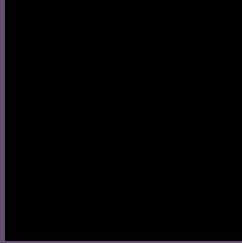
Any Text WCAG AA × Fail

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 98, 82, 109 Background



This preview shows how black text looks on a background with the RYB color 98, 82, 109.



This preview shows how white text looks on a background with the RYB color 98, 82, 109.

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

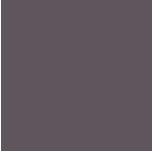
98, 82, 109

Protanopia

81, 86, 113

Deuteranopia

86, 86, 108



Tritanopia

95, 85, 92

Trichromacy



Original Color

98, 82, 109

Protanomaly

87, 85, 112

Deuteranomaly

90, 85, 108

Tritanomaly

96, 84, 98

Monochromacy



Original Color

98, 82, 109

Achromatopsia

90, 90, 90

Achromatomaly

93, 87, 97

CSS Examples

Text

The CSS property to change the color of the text to RYB 98, 82, 109 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(98, 82, 109) looks like.

```
.text, #text, p{  
    color:rgb(98, 82, 109)  
}
```

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(98, 82, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 82, 109) }
```

Border

The CSS property to change the border of an element to RYB 98, 82, 109 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(98, 82, 109) }
```

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

```
.border{ border-color:rgb(98, 82, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 82, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 82, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 82, 109);  
box-shadow:4px 4px 4px 4px rgb(98, 82,  
109) }
```

Background

The CSS property to change the background color of an element to RYB 98, 82, 109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 82, 109) }
```

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

```
.background{ background-color: rgb(98, 82,  
109) }
```

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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