

Converting Colors

`RYB(109, 83, 132)`

Have a look what the booklet for
RYB(109, 83, 132) contains.

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Color

R_YB(109, 83, 132)

Conversions

Conversions Part 1

Format	Color
Hex	6D5384
RGB	109, 83, 132
RGB Percent	43%, 33%, 52%
CMY	0.5725, 0.6745, 0.4824
CMYK	0.17, 0.37, 0.00, 0.48
HSL	272°, 23%, 42%
HSV	272°, 37%, 52%
XYZ	13.5648, 11.1037, 23.2581
YIQ	96.3600, -0.2330, 20.7510

Conversions

Conversions Part 2

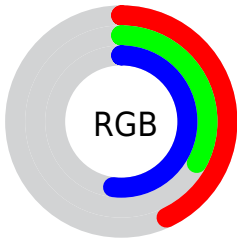
Format	Color
R_{YB}	109, 83, 132
Decimal	7164804
CIE _{Lab}	39.75, 20.97, -23.43
CIE _{LCh}	40, 31.442, 311.836
Yxy	11.1037, 0.2830, 0.2317
Android (android.graphics.Color)	4285354884 (0xFF6D5384)
YUV	96.3600, 17.5705, 11.0853
Hunter-Lab	33.3222, 14.3500, -18.0575

Details

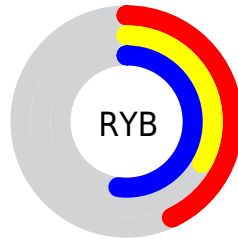
The RYB color **109, 83, 132** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **83, 132, 109**, and the grayscale version is **96, 96, 96**.

A 20% lighter version of the original color is **161, 133, 185**, and **60, 37, 82** is the 20% darker color. If you saturate the color by 10%, you get **103, 70, 132**, and if you desaturate by 10%, it is **115, 96, 132**.

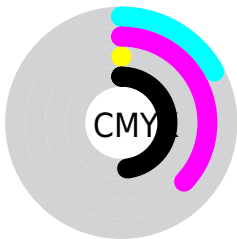
Distribution



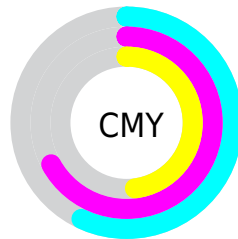
- Red (43%)
- Green (33%)
- Blue (52%)



- Red (43%)
- Yellow (33%)
- Blue (52%)



- Cyan (17%)
- Magenta (37%)
- Yellow (0%)
- Black (48%)



- Cyan (57%)
- Magenta (67%)
- Yellow (48%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 109, 83, 132 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 109, 83, 132 by changing the saturation by 10% instead.

■ 109, 83, 132

255, 255, 255

■ 161, 133, 185

■ 189, 159, 213

■ 217, 186, 241

■ 245, 214, 255

■ 255, 242, 255

■ 109, 83, 132

■ 84, 60, 107

■ 60, 37, 82

■ 37, 16, 59

■ 20, 0, 37

■ 0, 1, 14

■ 0, 0, 0

■ 109, 83, 132

■ 103, 70, 132

■ 97, 57, 132

■ 109, 83, 132

■ 115, 96, 132

■ 121, 109, 132

90, 43, 132

128, 123, 132

84, 30, 132

132, 136, 134

78, 17, 132

132, 149, 141

72, 4, 132

132, 162, 148

70, 0, 132

132, 175, 155

132, 189, 162

132, 202, 169

Harmonies

Analogous

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



70, 88, 144



109, 83, 132



133, 75, 110

Triad

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



109, 83, 132



109, 122, 45



0, 55, 107

Complementary

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



109, 83, 132



83, 132, 109

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.



33, 79, 106



109, 83, 132



46, 99, 42

Square

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



109, 83, 132



138, 83, 61



54, 102, 85



0, 57, 127

Rectangle

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



109, 83, 132



141, 72, 93



54, 102, 85



0, 57, 107

Sweetspot

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



109, 83, 132



162, 152, 171



83, 99, 132



81, 75, 87



214, 214, 214



87, 87, 87

Same Dimension

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



109, 83, 132



135, 94, 171



132, 83, 131



63, 60, 66



69, 0, 130



1, 0, 3

Inverse Universe

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



132, 83, 106



171, 94, 130



83, 131, 132



66, 60, 63



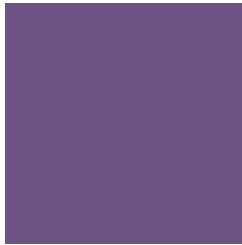
130, 0, 61



3, 0, 1

Previews

White Background



This preview shows how the RYB color 109, 83, 132 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 109, 83, 132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

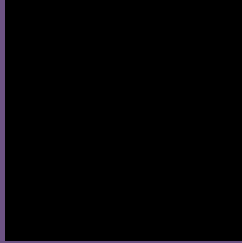
Any Text WCAG AA × Fail

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 109, 83, 132 Background



This preview shows how black text looks on a background with the RYB color 109, 83, 132.

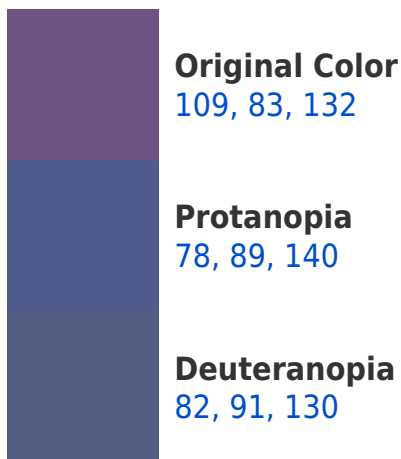


This preview shows how white text looks on a background with the RYB color 109, 83, 132.

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





Tritanopia
103, 90, 97

Trichromacy



Original Color
109, 83, 132

Protanomaly
89, 89, 137

Deuteranomaly
92, 89, 131

Tritanomaly
105, 87, 110

Monochromacy



Original Color
109, 83, 132

Achromatopsia
96, 96, 96

Achromatomaly
101, 91, 109

CSS Examples

Text

The CSS property to change the color of the text to RYB 109, 83, 132 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(109, 83, 132)` looks like.

```
.text, #text, p{  
    color:rgb(109, 83, 132)  
}
```

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(109, 83, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 83, 132) }
```

Border

The CSS property to change the border of an element to RYB 109, 83, 132 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(109, 83, 132) }
```

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

```
.border{ border-color:rgb(109, 83, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 83, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 83, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 83, 132);  
box-shadow:4px 4px 4px 4px rgb(109, 83,  
132) }
```

Background

The CSS property to change the background color of an element to RGB 109, 83, 132 is called "background".

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

```
.background, #background, body{  
background: rgb(109, 83, 132) }
```

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

```
.background{ background-color: rgb(109, 83,  
132) }
```

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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