

Converting Colors

`RYB(109, 74, 243)`

Have a look what the booklet for
RYB(109, 74, 243) contains.

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Color

R_YB(109, 74, 243)

Conversions

Conversions Part 1

Format	Color
Hex	6D4AF3
RGB	109, 74, 243
RGB Percent	43%, 29%, 95%
CMY	0.5725, 0.7098, 0.0471
CMYK	0.55, 0.70, 0.00, 0.05
HSL	252°, 88%, 62%
HSV	252°, 70%, 95%
XYZ	24.9331, 14.6198, 86.3018
YIQ	103.7310, -33.3890, 59.9790

Conversions

Conversions Part 2

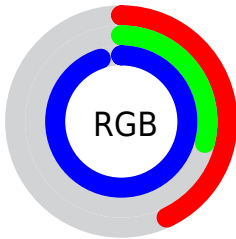
Format	Color
R _{YB}	109, 74, 243
Decimal	7162611
CIE Lab	45.11, 56.67, -79.73
CIE LCh	45, 97.819, 305.405
Yxy	14.6198, 0.1981, 0.1162
Android (android.graphics.Color)	4285352691 (0xFF6D4AF3)
YUV	103.7310, 68.6596, 4.6209
Hunter-Lab	38.2359, 49.4847, -107.0577

Details

The RYB color **109, 74, 243** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle washed purple. A complement of this color would be **74, 243, 109**, and the grayscale version is **103, 103, 103**.

A 20% lighter version of the original color is **171, 126, 255**, and **33, 23, 185** is the 20% darker color. If you saturate the color by 10%, you get **90, 50, 243**, and if you desaturate by 10%, it is **128, 98, 243**.

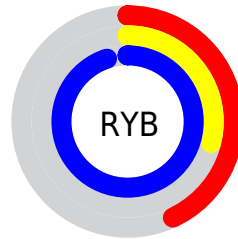
Distribution



Red (43%)

Green (29%)

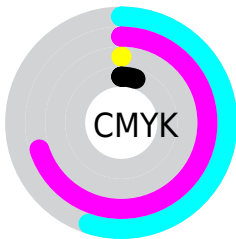
Blue (95%)



Red (43%)

Yellow (29%)

Blue (95%)

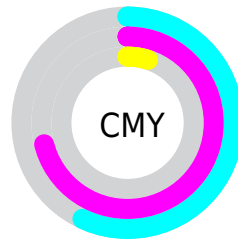


Cyan (55%)

Magenta (70%)

Yellow (0%)

Black (5%)



Cyan (57%)

Magenta (71%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 109, 74, 243 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, 74, 243 by changing the saturation by 10% instead.



109, 74, 243



109, 74, 243

255, 255, 255



75, 49, 214



171, 126, 255



33, 23, 185



202, 152, 255



0, 0, 158



233, 180, 255



0, 0, 131



255, 208, 255



0, 0, 104



255, 236, 255



0, 9, 79



0, 5, 55



0, 2, 33



0, 0, 6

■ 109, 74, 243

■ 109, 74, 243

■ 90, 50, 243

■ 128, 98, 243

■ 70, 25, 243

■ 148, 123, 243

■ 51, 1, 243

■ 167, 147, 243

■ 50, 0, 243

■ 186, 171, 243

■ 205, 195, 243

■ 225, 220, 243

■ 243, 244, 243

■ 243, 255, 243

Harmonies

Analogous

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



0, 79, 255



109, 74, 243



210, 0, 177

Triad

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



109, 74, 243



182, 122, 0



0, 73, 137

Complementary

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



109, 74, 243



74, 243, 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.



0, 111, 134



109, 74, 243



10, 118, 0

Square

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



109, 74, 243



226, 0, 13



0, 126, 126



0, 82, 201

Rectangle

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



109, 74, 243



236, 0, 123



0, 126, 126



0, 81, 136

Sweetspot

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



109, 74, 243



213, 201, 255



74, 149, 243



102, 96, 128



0, 0, 0



128, 128, 128

Same Dimension

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



109, 74, 243



87, 43, 255



192, 74, 243



113, 110, 122



39, 0, 186



12, 0, 59

Inverse Universe

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



243, 74, 208



255, 43, 211



74, 243, 192



122, 110, 120



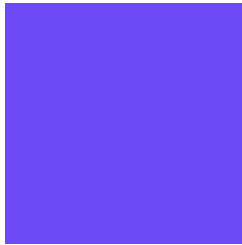
186, 0, 148



59, 0, 47

Previews

White Background



This preview shows how the RYB color 109, 74, 243 looks on a white background.

Color Contrast Check

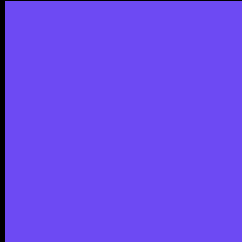
Large Text (above 18pt) WCAG AA ✓ Pass

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, 74, 243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

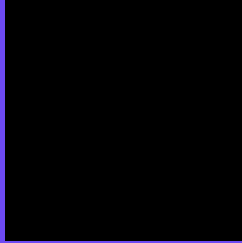
Any Text WCAG AA × Fail

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, 74, 243 Background



This preview shows how black text looks on a background with the R Y B color 109, 74, 243.

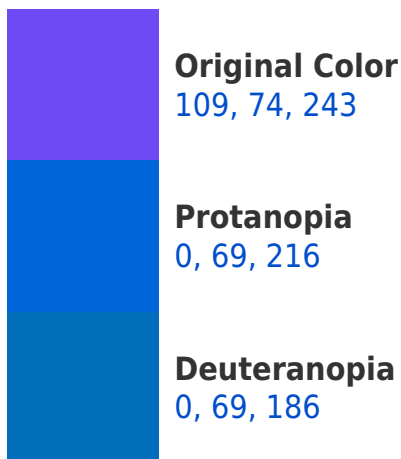


This preview shows how white text looks on a background with the R Y B color 109, 74, 243.

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
66, 92, 123

Trichromacy



Original Color

109, 74, 243



Protanomaly

40, 81, 226



Deuteranomaly

40, 82, 207



Tritanomaly

82, 96, 167

Monochromacy



Original Color

109, 74, 243



Achromatopsia

104, 104, 104



Achromatomaly

106, 93, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 109, 74, 243 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, 74, 243)` looks like.

```
.text, #text, p{  
    color:rgb(109, 74, 243)  
}
```

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, 74, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 74, 243) }
```

Border

The CSS property to change the border of an element to RYB 109, 74, 243 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, 74, 243) }
```

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

```
.border{ border-color:rgb(109, 74, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 74, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 74, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 74, 243);  
box-shadow:4px 4px 4px 4px rgb(109, 74,  
243) }
```

Background

The CSS property to change the background color of an element to RYB 109, 74, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 74, 243) }
```

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

```
.background{ background-color: rgb(109, 74,  
243) }
```

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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