

Converting Colors

`RYB(131, 114, 159)`

Have a look what the booklet for
RYB(131, 114, 159) contains.

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Color

R_YB(131, 114, 159)

Conversions

Conversions Part 1

Format	Color
Hex	83729F
RGB	131, 114, 159
RGB Percent	51%, 45%, 62%
CMY	0.4863, 0.5529, 0.3765
CMYK	0.18, 0.28, 0.00, 0.38
HSL	263°, 19%, 54%
HSV	263°, 28%, 62%
XYZ	21.6354, 19.3631, 35.3980
YIQ	124.2130, -4.3130, 17.5990

Conversions

Conversions Part 2

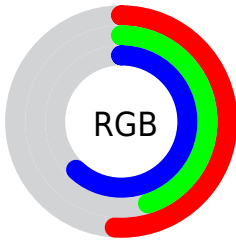
Format	Color
R_{YB}	131, 114, 159
Decimal	8614559
CIE _{Lab}	51.11, 16.03, -21.82
CIE _{LCh}	51, 27.069, 306.300
Yxy	19.3631, 0.2832, 0.2535
Android (android.graphics.Color)	4286804639 (0xFF83729F)
YUV	124.2130, 17.1500, 5.9522
Hunter-Lab	44.0036, 10.7576, -16.8925

Details

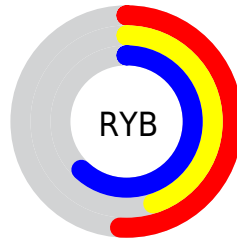
The RYB color **131, 114, 159** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **114, 159, 131**, and the grayscale version is **124, 124, 124**.

A 20% lighter version of the original color is **185, 166, 214**, and **81, 66, 107** is the 20% darker color. If you saturate the color by 10%, you get **121, 98, 159**, and if you desaturate by 10%, it is **141, 130, 159**.

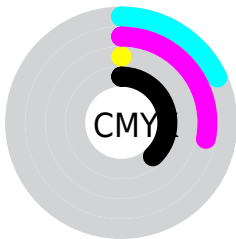
Distribution



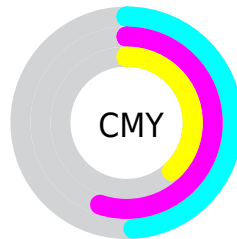
- Red (51%)
- Green (45%)
- Blue (62%)



- Red (51%)
- Yellow (45%)
- Blue (62%)



- Cyan (18%)
- Magenta (28%)
- Yellow (0%)
- Black (38%)



- Cyan (49%)
- Magenta (55%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 131, 114, 159 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 131, 114, 159 by changing the saturation by 10% instead.

■ 131, 114, 159

255, 255, 255

■ 185, 166, 214

■ 212, 193, 242

■ 241, 221, 255

■ 255, 250, 255

■ 131, 114, 159

■ 105, 89, 133

■ 81, 66, 107

■ 57, 44, 83

■ 34, 23, 60

■ 17, 0, 38

■ 0, 1, 15

■ 0, 0, 0

■ 131, 114, 159

■ 121, 98, 159

■ 131, 114, 159

■ 141, 130, 159

111, 82, 159

151, 146, 159

101, 66, 159

159, 162, 160

91, 50, 159

159, 178, 166

82, 34, 159

159, 194, 173

72, 19, 159

159, 209, 178

62, 3, 159

159, 225, 184

60, 0, 159

159, 241, 190

159, 255, 194

Harmonies

Analogous

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



97, 115, 167



131, 114, 159



155, 107, 141

Triad

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



131, 114, 159



153, 144, 80



52, 95, 134

Complementary

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



131, 114, 159



114, 159, 131

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.



80, 117, 133



131, 114, 159



89, 133, 75

Square

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



131, 114, 159



165, 109, 96



84, 128, 104



37, 88, 148

Rectangle

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



131, 114, 159



164, 104, 126



84, 128, 104



61, 102, 134

Sweetspot

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



131, 114, 159



196, 190, 207



114, 132, 159



98, 94, 105



232, 232, 232



105, 105, 105

Same Dimension

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



131, 114, 159



163, 136, 207



153, 114, 159



74, 71, 79



54, 0, 143



6, 0, 15

Inverse Universe

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



159, 114, 142



207, 136, 180



114, 159, 153



79, 71, 76



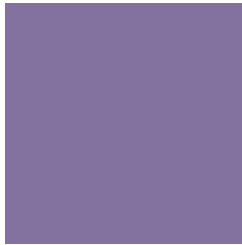
143, 0, 89



15, 0, 10

Previews

White Background



This preview shows how the RYB color 131, 114, 159 looks on a white background.

Color Contrast Check

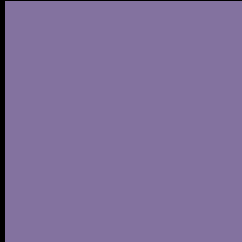
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 131, 114, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

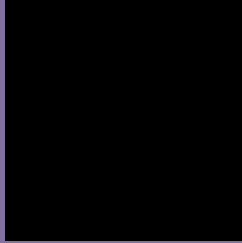
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 131, 114, 159 Background



This preview shows how black text looks on a background with the RYB color 131, 114, 159.



This preview shows how white text looks on a background with the RYB color 131, 114, 159.

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

131, 114, 159

Protanopia

109, 118, 164

Deuteranopia

114, 119, 158



Tritanopia
126, 120, 129

Trichromacy



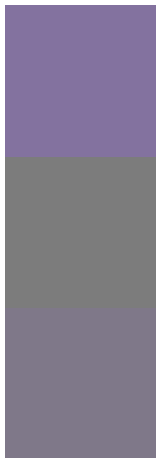
Original Color
131, 114, 159

Protanomaly
117, 118, 162

Deuteranomaly
120, 118, 158

Tritanomaly
128, 118, 140

Monochromacy



Original Color
131, 114, 159

Achromatopsia
124, 124, 124

Achromatomaly
127, 120, 137

CSS Examples

Text

The CSS property to change the color of the text to RYB 131, 114, 159 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(131, 114, 159)` looks like.

```
.text, #text, p{  
    color:rgb(131, 114, 159)  
}
```

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(131, 114, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 114, 159) }
```

Border

The CSS property to change the border of an element to RYB 131, 114, 159 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(131, 114, 159) }
```

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

```
.border{ border-color:rgb(131, 114, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 114, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 114, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 114, 159);  
box-shadow:4px 4px 4px 4px rgb(131, 114,  
159) }
```

Background

The CSS property to change the background color of an element to RYB 131, 114, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 114, 159) }
```

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

```
.background{ background-color: rgb(131,  
114, 159) }
```

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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