

Converting Colors

`RYB(130, 101, 131)`

Have a look what the booklet for
RYB(130, 101, 131) contains.

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Color

R_{YB}(130, 101, 131)

Conversions

Conversions Part 1

Format	Color
Hex	826583
RGB	130, 101, 131
RGB Percent	51%, 40%, 51%
CMY	0.4902, 0.6039, 0.4863
CMYK	0.01, 0.23, 0.00, 0.49
HSL	298°, 13%, 45%
HSV	298°, 23%, 51%
XYZ	17.9563, 15.6919, 23.5552
YIQ	113.0910, 7.6540, 15.4780

Conversions

Conversions Part 2

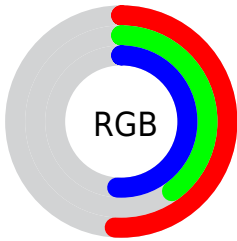
Format	Color
R_{YB}	130, 101, 131
Decimal	8545667
CIE Lab	46.57, 17.21, -12.19
CIE LCh	47, 21.089, 324.699
Yxy	15.6919, 0.3139, 0.2743
Android (android.graphics.Color)	4286735747 (0xFF826583)
YUV	113.0910, 8.8291, 14.8292
Hunter-Lab	39.6130, 11.5903, -7.5267

Details

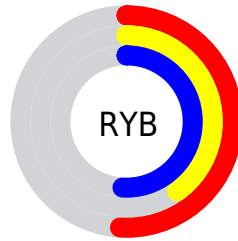
The RYB color **130, 101, 131** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **101, 131, 130**, and the grayscale version is **113, 113, 113**.

A 20% lighter version of the original color is **183, 152, 184**, and **80, 54, 82** is the 20% darker color. If you saturate the color by 10%, you get **130, 88, 131**, and if you desaturate by 10%, it is **130, 114, 131**.

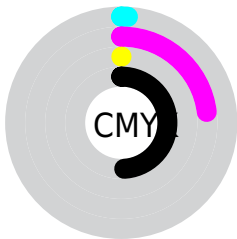
Distribution



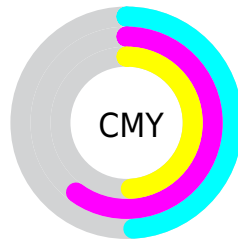
- Red (51%)
- Green (40%)
- Blue (51%)



- Red (51%)
- Yellow (40%)
- Blue (51%)



- Cyan (1%)
- Magenta (23%)
- Yellow (0%)
- Black (49%)



- Cyan (49%)
- Magenta (60%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 130, 101, 131 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 130, 101, 131 by changing the saturation by 10% instead.

■ 130, 101, 131

255, 255, 255

■ 183, 152, 184

■ 211, 179, 212

■ 239, 207, 240

■ 255, 235, 255

■ 130, 101, 131

■ 105, 77, 106

■ 80, 54, 82

■ 57, 32, 59

■ 35, 11, 37

■ 0, 0, 15

■ 0, 0, 0

■ 130, 101, 131

■ 130, 88, 131

■ 129, 75, 131

■ 130, 101, 131

■ 130, 114, 131

■ 131, 127, 131

129, 62, 131

131, 140, 140

128, 49, 131

131, 153, 152

128, 36, 131

131, 167, 166

127, 22, 131

131, 180, 178

127, 9, 131

131, 193, 191

127, 0, 131

131, 206, 204

131, 219, 216

Harmonies

Analogous

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



109, 107, 142



130, 101, 131



143, 98, 114

Triad

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



130, 101, 131



103, 126, 75



55, 88, 124

Complementary

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



130, 101, 131



101, 131, 130

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.



68, 98, 120



130, 101, 131



78, 114, 84

Square

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



130, 101, 131



139, 113, 82



87, 116, 118



61, 94, 139

Rectangle

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



130, 101, 131



146, 97, 102



87, 116, 118



58, 89, 120

Sweetspot

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



130, 101, 131



170, 159, 171



101, 102, 131



86, 80, 87



214, 214, 214



87, 87, 87

Same Dimension

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



130, 101, 131



169, 125, 171



131, 101, 117



66, 60, 66



126, 0, 130



2, 0, 3

Inverse Universe

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



131, 101, 102



171, 125, 126



101, 121, 131



66, 60, 60



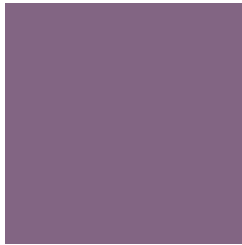
130, 0, 4



3, 0, 0

Previews

White Background



This preview shows how the RYB color 130, 101, 131 looks on a white background.

Color Contrast Check

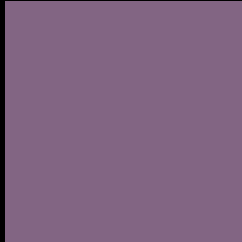
Large Text (above 18pt) WCAG AA ✓ Pass

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 130, 101, 131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

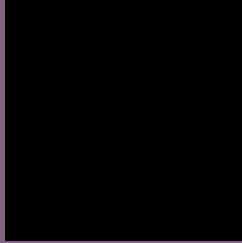
Any Text WCAG AA × Fail

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](#).

RYB 130, 101, 131 Background



This preview shows how black text looks on a background with the RYB color 130, 101, 131.



This preview shows how white text looks on a background with the RYB color 130, 101, 131.

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
130, 101, 131

Protanopia
104, 108, 137

Deuteranopia
112, 108, 130



Tritanopia
127, 104, 112

Trichromacy



Original Color

130, 101, 131

Protanomaly

113, 106, 135

Deuteranomaly

119, 105, 130

Tritanomaly

128, 103, 119

Monochromacy



Original Color

130, 101, 131

Achromatopsia

113, 113, 113

Achromatomaly

119, 109, 120

CSS Examples

Text

The CSS property to change the color of the text to RYB 130, 101, 131 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(130, 101, 131)` looks like.

```
.text, #text, p{  
    color:rgb(130, 101, 131)  
}
```

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(130, 101, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 101, 131) }
```

Border

The CSS property to change the border of an element to RYB 130, 101, 131 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(130, 101, 131) }
```

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

```
.border{ border-color:rgb(130, 101, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 101, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 101, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 101, 131);  
box-shadow:4px 4px 4px 4px rgb(130, 101,  
131) }
```

Background

The CSS property to change the background color of an element to RYB 130, 101, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 101, 131) }
```

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

```
.background{ background-color: rgb(130,  
101, 131) }
```

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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