

Converting Colors

`RYB(126, 131, 130)`

Have a look what the booklet for
RYB(126, 131, 130) contains.

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Color

R_YB(126, 131, 130)

Conversions

Conversions Part 1

Format	Color
Hex	7F837E
RGB	127, 131, 126
RGB Percent	50%, 51%, 49%
CMY	0.5020, 0.4863, 0.5059
CMYK	0.03, 0.00, 0.04, 0.49
HSL	108°, 2%, 50%
HSV	108°, 4%, 51%
XYZ	20.6346, 22.2510, 22.9460
YIQ	129.2340, -0.7790, -2.4030

Conversions

Conversions Part 2

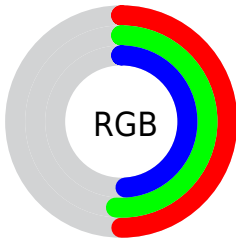
Format	Color
R_{YB}	126, 131, 130
Decimal	8356734
CIE Lab	54.29, -2.48, 2.18
CIE LCh	54, 3.296, 138.695
Yxy	22.2510, 0.3134, 0.3380
Android (android.graphics.Color)	4286546814 (0xFF7F837E)
YUV	129.2340, -1.5944, -1.9592
Hunter-Lab	47.1709, -4.4656, 4.1785

Details

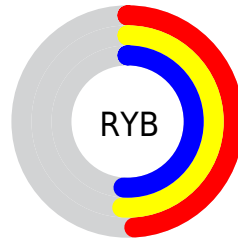
The RYB color **126, 131, 130** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **130, 126, 131**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **179, 184, 183**, and **77, 82, 81** is the 20% darker color. If you saturate the color by 10%, you get **113, 131, 127**, and if you desaturate by 10%, it is **137, 131, 139**.

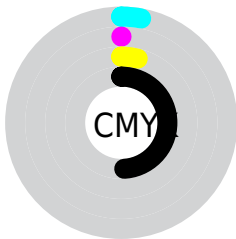
Distribution



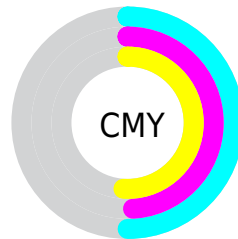
- Red (50%)
- Green (51%)
- Blue (49%)



- Red (49%)
- Yellow (51%)
- Blue (51%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (49%)



- Cyan (50%)
- Magenta (49%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 126, 131, 130 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 126, 131, 130 by changing the saturation by 10% instead.

■ 126, 131, 130

255, 255, 255

■ 179, 184, 183

■ 206, 212, 211

■ 234, 240, 239

■ 126, 131, 130

■ 101, 106, 105

■ 77, 82, 81

■ 54, 59, 58

■ 33, 37, 36

■ 10, 16, 14

■ 0, 0, 0

■ 126, 131, 130

■ 113, 131, 127

■ 100, 131, 125

■ 126, 131, 130

■ 137, 131, 139

■ 148, 131, 152

■ 87, 131, 122

■ 158, 131, 165

■ 74, 131, 120

■ 169, 131, 178

■ 61, 131, 117

■ 179, 131, 192

■ 47, 131, 114

■ 190, 131, 205

■ 34, 131, 111

■ 200, 131, 218

■ 21, 131, 109

■ 211, 131, 231

■ 8, 131, 106

■ 221, 131, 244

Harmonies

Analogous

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



124, 130, 124



126, 131, 130



124, 129, 132

Triad

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



126, 131, 130



126, 129, 135



136, 128, 128

Complementary

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



126, 131, 130



130, 126, 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.



135, 128, 131



126, 131, 130



129, 129, 135

Square

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



126, 131, 130



124, 128, 134



133, 129, 134



136, 129, 126

Rectangle

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



126, 131, 130



123, 128, 132



133, 129, 134



136, 128, 129

Sweetspot

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



126, 131, 130



169, 171, 171



127, 131, 126



86, 87, 87



214, 214, 214



87, 87, 87

Same Dimension

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



126, 131, 130



162, 171, 169



126, 130, 131



62, 66, 65



0, 130, 104



0, 3, 2

Inverse Universe

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



130, 126, 131



169, 162, 171



131, 126, 130



66, 62, 66



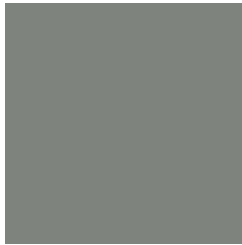
104, 0, 130



2, 0, 3

Previews

White Background



This preview shows how the RYB color 126, 131, 130 looks on a white background.

Color Contrast Check

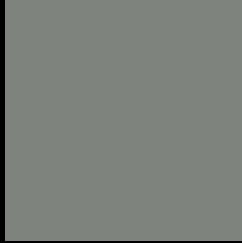
Large Text (above 18pt) WCAG AA ✓ Pass

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 126, 131, 130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

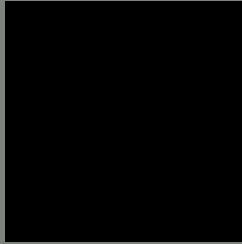
Any Text WCAG AA ✓ Pass

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 126, 131, 130 Background



This preview shows how black text looks on a background with the RYB color 126, 131, 130.



This preview shows how white text looks on a background with the RYB color 126, 131, 130.

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
126, 131, 130

Protanopia
133, 133, 125

Deuteranopia
143, 125, 127



Tritanopia
129, 129, 139

Trichromacy



Original Color

126, 131, 130

Protanomaly

126, 131, 125

Deuteranomaly

137, 127, 127

Tritanomaly

128, 130, 134

Monochromacy



Original Color

126, 131, 130

Achromatopsia

129, 129, 129

Achromatomaly

128, 130, 130

CSS Examples

Text

The CSS property to change the color of the text to RYB 126, 131, 130 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(127, 131, 126) looks like.

```
.text, #text, p{  
    color:rgb(127, 131, 126)  
}
```

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(127, 131, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 131, 126) }
```

Border

The CSS property to change the border of an element to RYB 126, 131, 130 is called "border". The border property can be set on classes, ids or directly on the HTML element.

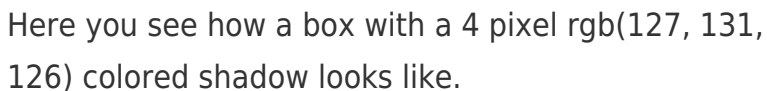
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 131, 126) }
```

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

```
.border{ border-color:rgb(127, 131, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(127, 131, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 131, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 131, 126); box-shadow:4px 4px 4px 4px rgb(127, 131, 126) }
```

Background

The CSS property to change the background color of an element to RYB 126, 131, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 131, 126) }
```

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

```
.background{ background-color: rgb(127,  
131, 126) }
```

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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