

Converting Colors

`RYB(127, 150, 131)`

Have a look what the booklet for
RYB(127, 150, 131) contains.

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Color

R_YB(127, 150, 131)

Conversions

Conversions Part 1

Format	Color
Hex	92967F
RGB	146, 150, 127
RGB Percent	57%, 59%, 50%
CMY	0.4275, 0.4118, 0.5020
CMYK	0.03, 0.00, 0.15, 0.41
HSL	70°, 10%, 54%
HSV	70°, 15%, 59%
XYZ	26.5912, 29.4560, 24.3627
YIQ	146.1820, 4.9990, -8.0010

Conversions

Conversions Part 2

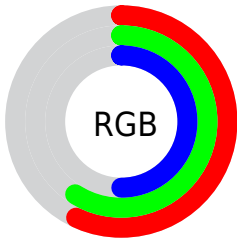
Format	Color
RYB	127, 150, 131
Decimal	9606783
CIELab	61.18, -5.66, 11.65
CIElCh	61, 12.957, 115.922
Yxy	29.4560, 0.3307, 0.3663
Android (android.graphics.Color)	4287796863 (0xFF92967F)
YUV	146.1820, -9.4567, -0.1596
Hunter-Lab	54.2734, -7.5226, 11.3767

Details

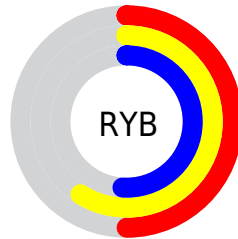
The RYB color **127, 150, 131** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **131, 127, 150**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **180, 204, 184**, and **78, 99, 82** is the 20% darker color. If you saturate the color by 10%, you get **112, 150, 119**, and if you desaturate by 10%, it is **142, 150, 143**.

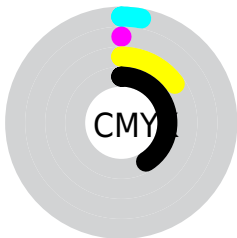
Distribution



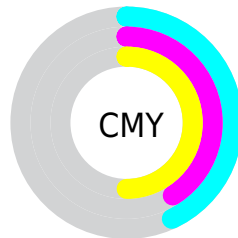
- Red (57%)
- Green (59%)
- Blue (50%)



- Red (50%)
- Yellow (59%)
- Blue (51%)



- Cyan (3%)
- Magenta (0%)
- Yellow (15%)
- Black (41%)



- Cyan (43%)
- Magenta (41%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 127, 150, 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 127, 150, 131 by changing the saturation by 10% instead.


 127, 150, 131


255, 255, 255

 180, 204, 184

 207, 232, 211

 236, 255, 236

 127, 150, 131

 102, 124, 106

 78, 99, 82

 55, 75, 58

 34, 53, 38


 12, 32, 16


 0, 8, 8

 0, 0, 0

 127, 150, 131

 112, 150, 119

 127, 150, 131

 142, 150, 143

■ 97, 150, 106

■ 151, 150, 157

■ 82, 150, 94

■ 154, 150, 172

■ 67, 150, 81

■ 156, 150, 187

■ 52, 150, 69

■ 159, 150, 202

■ 37, 150, 57

■ 162, 150, 217

■ 22, 150, 44

■ 164, 150, 232

■ 7, 150, 32

■ 167, 150, 247

■ 0, 150, 26

■ 169, 150, 255

Harmonies

Analogous

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



146, 159, 125



127, 150, 131



133, 151, 153

Triad

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



127, 150, 131



122, 140, 166



170, 140, 150

Complementary

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



127, 150, 131



131, 127, 150

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.



161, 142, 161



127, 150, 131



133, 144, 170

Square

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



127, 150, 131



118, 137, 157



148, 145, 168



172, 140, 138

Rectangle

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



127, 150, 131



125, 143, 154



148, 145, 168



168, 140, 154

Sweetspot

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



127, 150, 131



184, 194, 186



150, 132, 127



91, 97, 92



224, 224, 224



97, 97, 97

Same Dimension

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



127, 150, 131



159, 194, 165



127, 150, 142



67, 74, 68



0, 138, 24



0, 10, 2

Inverse Universe

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



131, 127, 150



165, 159, 194



142, 127, 150



68, 67, 74



24, 0, 138



2, 0, 10

Previews

White Background



This preview shows how the RYB color 127, 150, 131 looks on a white background.

Color Contrast Check

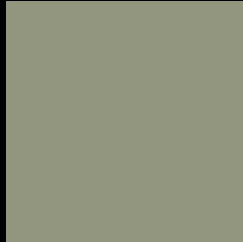
Large Text (above 18pt) WCAG AA ✓ Pass

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 127, 150, 131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

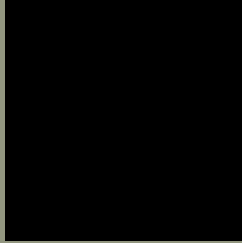
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

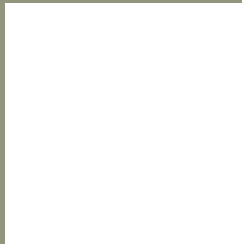
Any Text WCAG AAA × Fail

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

RYP 127, 150, 131 Background



This preview shows how black text looks on a background with the RYP color 127, 150, 131.



This preview shows how white text looks on a background with the RYP color 127, 150, 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
127, 150, 131

Protanopia
137, 155, 126

Deuteranopia
169, 148, 129



Tritanopia
150, 146, 157

Trichromacy



Original Color
127, 150, 131

Protanomaly
131, 152, 126

Deuteranomaly
159, 161, 128

Tritanomaly
149, 148, 146

Monochromacy



Original Color
127, 150, 131

Achromatopsia
146, 146, 146

Achromatomaly
139, 147, 140

CSS Examples

Text

The CSS property to change the color of the text to RYB 127, 150, 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(146, 150, 127)` looks like.

```
.text, #text, p{  
    color:rgb(146, 150, 127)  
}
```

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(146, 150, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 150, 127) }
```

Border

The CSS property to change the border of an element to RYB 127, 150, 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(146, 150, 127) }
```

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

```
.border{ border-color:rgb(146, 150, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 150, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 150, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 150, 127);  
box-shadow:4px 4px 4px 4px rgb(146, 150,  
127) }
```

Background

The CSS property to change the background color of an element to RYB 127, 150, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 150, 127) }
```

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

```
.background{ background-color: rgb(146,  
150, 127) }
```

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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