

Converting Colors

`RYB(130, 126, 147)`

Have a look what the booklet for
RYB(130, 126, 147) contains.

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Color

R_YB(130, 126, 147)

Conversions

Conversions Part 1

Format	Color
Hex	827E93
RGB	130, 126, 147
RGB Percent	51%, 49%, 58%
CMY	0.4902, 0.5059, 0.4235
CMYK	0.12, 0.14, 0.00, 0.42
HSL	251°, 9%, 54%
HSV	251°, 14%, 58%
XYZ	21.9332, 21.7741, 30.6506
YIQ	129.5900, -4.3570, 7.3790

Conversions

Conversions Part 2

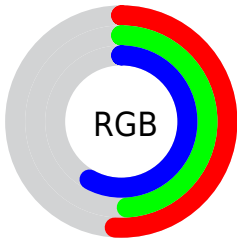
Format	Color
R_{YB}	130, 126, 147
Decimal	8552083
CIE Lab	53.79, 5.88, -10.75
CIE LCh	54, 12.257, 298.669
Yxy	21.7741, 0.2950, 0.2928
Android (android.graphics.Color)	4286742163 (0xFF827E93)
YUV	129.5900, 8.5831, 0.3596
Hunter-Lab	46.6627, 2.2419, -6.2809

Details

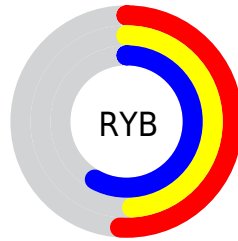
The RYB color **130, 126, 147** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **126, 147, 130**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **183, 179, 201**, and **81, 77, 96** is the 20% darker color. If you saturate the color by 10%, you get **118, 111, 147**, and if you desaturate by 10%, it is **142, 141, 147**.

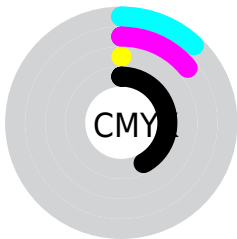
Distribution



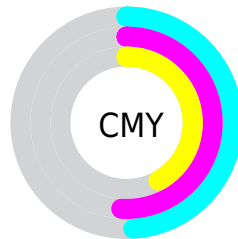
- Red (51%)
- Green (49%)
- Blue (58%)



- Red (51%)
- Yellow (49%)
- Blue (58%)



- Cyan (12%)
- Magenta (14%)
- Yellow (0%)
- Black (42%)



- Cyan (49%)
- Magenta (51%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 130, 126, 147 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, 126, 147 by changing the saturation by 10% instead.

■ 130, 126, 147

255, 255, 255

■ 183, 179, 201

■ 211, 206, 229

■ 239, 234, 255

■ 130, 126, 147

■ 105, 101, 121

■ 81, 77, 96

■ 57, 54, 73

■ 36, 33, 50

■ 16, 10, 29

■ 0, 0, 0

■ 130, 126, 147

■ 118, 111, 147

■ 106, 97, 147

■ 130, 126, 147

■ 142, 141, 147

■ 147, 155, 148

94, 82, 147

147, 170, 151

82, 67, 147

147, 185, 154

70, 53, 147

147, 200, 157

59, 38, 147

147, 214, 160

47, 23, 147

147, 229, 163

35, 8, 147

147, 244, 166

28, 0, 147

147, 255, 165

Harmonies

Analogous

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



116, 126, 149



130, 126, 147



142, 123, 140

Triad

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



130, 126, 147



146, 132, 111



105, 122, 135

Complementary

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



130, 126, 147



126, 147, 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.



114, 131, 134



130, 126, 147



123, 138, 108

Square

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



130, 126, 147



151, 122, 119



110, 131, 115



101, 118, 138

Rectangle

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



130, 126, 147



148, 122, 133



110, 131, 115



107, 124, 134

Sweetspot

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



130, 126, 147



185, 184, 191



126, 135, 147



93, 92, 97



224, 224, 224



97, 97, 97

Same Dimension

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



130, 126, 147



165, 159, 191



140, 126, 147



68, 67, 74



26, 0, 138



2, 0, 10

Inverse Universe

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



147, 126, 143



191, 159, 185



126, 147, 140



74, 67, 73



138, 0, 111



10, 0, 8

Previews

White Background



This preview shows how the RYB color 130, 126, 147 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 130, 126, 147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

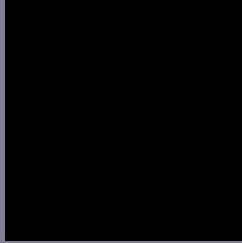
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

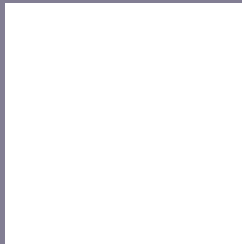
Any Text WCAG AAA × Fail

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

RYP 130, 126, 147 Background



This preview shows how black text looks on a background with the RYB color 130, 126, 147.



This preview shows how white text looks on a background with the RYB color 130, 126, 147.

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, 126, 147](#)

Protanopia
[125, 127, 148](#)

Deuteranopia
[132, 125, 147](#)



Tritanopia
128, 128, 138

Trichromacy



Original Color

130, 126, 147

Protanomaly

127, 127, 148

Deuteranomaly

131, 125, 147

Tritanomaly

129, 127, 141

Monochromacy



Original Color

130, 126, 147

Achromatopsia

130, 130, 130

Achromatomaly

130, 129, 136

CSS Examples

Text

The CSS property to change the color of the text to RYB 130, 126, 147 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, 126, 147) looks like.

```
.text, #text, p{  
    color:rgb(130, 126, 147)  
}
```

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, 126, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 126, 147) }
```

Border

The CSS property to change the border of an element to RYB 130, 126, 147 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, 126, 147) }
```

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

```
.border{ border-color:rgb(130, 126, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 126, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 126, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 126, 147);  
box-shadow:4px 4px 4px 4px rgb(130, 126,  
147) }
```

Background

The CSS property to change the background color of an element to RYB 130, 126, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 126, 147) }
```

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

```
.background{ background-color: rgb(130,  
126, 147) }
```

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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