

Converting Colors

`RYB(122, 127, 134)`

Have a look what the booklet for
RYB(122, 127, 134) contains.

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Color

R_YB(122, 127, 134)

Conversions

Conversions Part 1

Format	Color
Hex	7A8386
RGB	122, 131, 134
RGB Percent	48%, 51%, 53%
CMY	0.5216, 0.4880, 0.4745
CMYK	0.09, 0.03, 0.00, 0.47
HSL	197°, 5%, 50%
HSV	197°, 9%, 53%
XYZ	20.3880, 21.9765, 25.7216
YIQ	128.6510, -6.3270, -0.9750

Conversions

Conversions Part 2

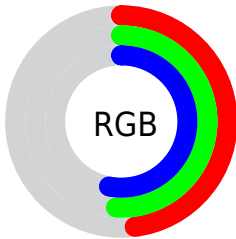
Format	Color
RYB	122, 127, 134
Decimal	8029062
CIELab	54.00, -2.43, -2.94
CIElCh	54, 3.814, 230.477
Yxy	21.9765, 0.2994, 0.3228
Android (android.graphics.Color)	4286219142 (0xFF7A8386)
YUV	128.6510, 2.6371, -5.8329
Hunter-Lab	46.8791, -4.4079, 0.2842

Details

The RYB color **122, 127, 134** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **134, 126, 122**, and the grayscale version is **128, 128, 128**.

A 20% lighter version of the original color is **174, 180, 187**, and **73, 78, 84** is the 20% darker color. If you saturate the color by 10%, you get **109, 119, 134**, and if you desaturate by 10%, it is **135, 134, 134**.

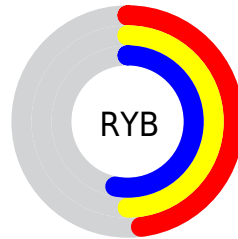
Distribution



Red (48%)

Green (51%)

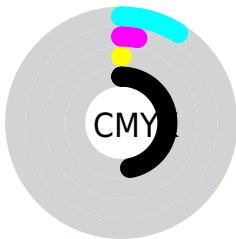
Blue (53%)



Red (48%)

Yellow (50%)

Blue (53%)

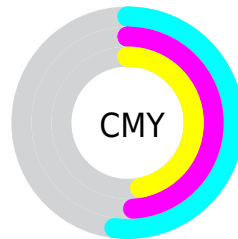


Cyan (9%)

Magenta (3%)

Yellow (0%)

Black (47%)



Cyan (52%)

Magenta (49%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 122, 127, 134 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 122, 127, 134 by changing the saturation by 10% instead.

■ 122, 127, 134

255, 255, 255

■ 174, 179, 187

■ 202, 207, 215

■ 230, 235, 243

■ 122, 127, 134

■ 97, 102, 109

■ 73, 78, 84

■ 51, 55, 61

■ 30, 34, 40

■ 5, 11, 19

■ 0, 0, 0

■ 122, 127, 134

■ 109, 119, 134

■ 95, 111, 134

■ 122, 127, 134

■ 135, 134, 134

■ 149, 139, 134

82, 104, 134

162, 145, 134

68, 95, 134

176, 151, 134

55, 88, 134

189, 157, 134

42, 80, 134

202, 162, 134

28, 72, 134

216, 166, 134

15, 65, 134

229, 172, 134

1, 56, 134

243, 177, 134

Harmonies

Analogous

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



121, 126, 131



122, 127, 134



125, 128, 135

Triad

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



122, 127, 134



135, 127, 130



123, 130, 124

Complementary

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



122, 127, 134



134, 126, 122

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.



133, 133, 123



122, 127, 134



136, 127, 127

Square

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



122, 127, 134



132, 128, 133



136, 130, 124



125, 130, 129

Rectangle

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



122, 127, 134



127, 129, 135



136, 130, 124



126, 131, 123

Sweetspot

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



122, 127, 134



168, 170, 173



122, 132, 134



83, 85, 87



214, 214, 214



87, 87, 87

Same Dimension

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



122, 127, 134



154, 162, 173



122, 124, 134



60, 62, 66



0, 54, 130



0, 1, 3

Inverse Universe

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



134, 122, 131



173, 154, 168



126, 134, 122



66, 60, 64



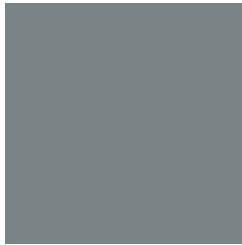
130, 0, 93



3, 0, 2

Previews

White Background



This preview shows how the RYB color 122, 127, 134 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 122, 127, 134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

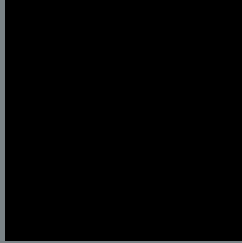
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

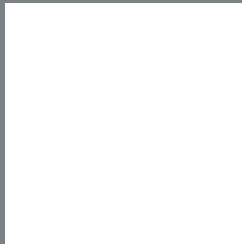
Any Text WCAG AAA × Fail

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

RYB 122, 127, 134 Background



This preview shows how black text looks on a background with the RYB color 122, 127, 134.



This preview shows how white text looks on a background with the RYB color 122, 127, 134.

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

[122](#), [127](#), [134](#)

Protanopia

[130](#), [128](#), [133](#)

Deuteranopia

[139](#), [125](#), [135](#)



Tritanopia
123, 128, 140

Trichromacy



Original Color

122, 127, 134

Protanomaly

127, 129, 133

Deuteranomaly

133, 127, 135

Tritanomaly

123, 128, 138

Monochromacy



Original Color

122, 127, 134

Achromatopsia

128, 128, 128

Achromatomaly

126, 128, 130

CSS Examples

Text

The CSS property to change the color of the text to RYB 122, 127, 134 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(122, 131, 134) looks like.

```
.text, #text, p{  
    color:rgb(122, 131, 134)  
}
```

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(122, 131, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 131, 134) }
```

Border

The CSS property to change the border of an element to RYB 122, 127, 134 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(122, 131, 134) }
```

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

```
.border{ border-color:rgb(122, 131, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 131, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 131, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 131, 134);  
box-shadow:4px 4px 4px 4px rgb(122, 131,  
134) }
```

Background

The CSS property to change the background color of an element to RYB 122, 127, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 131, 134) }
```

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

```
.background{ background-color: rgb(122,  
131, 134) }
```

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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