

Converting Colors

`RYB(113, 134, 123)`

Have a look what the booklet for
RYB(113, 134, 123) contains.

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Color

R_YB(113, 134, 123)

Conversions

Conversions Part 1

Format	Color
Hex	7C8671
RGB	124, 134, 113
RGB Percent	49%, 53%, 44%
CMY	0.5137, 0.4745, 0.5569
CMYK	0.07, 0.00, 0.16, 0.47
HSL	89°, 9%, 48%
HSV	89°, 16%, 53%
XYZ	19.8179, 22.5275, 18.9265
YIQ	128.6160, 0.7810, -8.6510

Conversions

Conversions Part 2

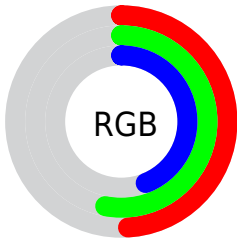
Format	Color
RYB	113, 134, 123
Decimal	8160881
CIELab	54.58, -7.74, 10.08
CIELCh	55, 12.708, 127.546
Yxy	22.5275, 0.3234, 0.3677
Android (android.graphics.Color)	4286350961 (0xFF7C8671)
YUV	128.6160, -7.6987, -4.0482
Hunter-Lab	47.4632, -8.5292, 9.5816

Details

The RYB color **113, 134, 123** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **123, 113, 134**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **165, 187, 175**, and **65, 84, 74** is the 20% darker color. If you saturate the color by 10%, you get **100, 134, 116**, and if you desaturate by 10%, it is **126, 134, 130**.

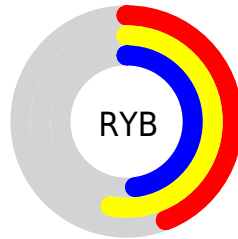
Distribution



Red (49%)

Green (53%)

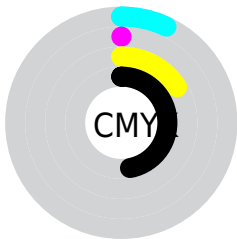
Blue (44%)



Red (44%)

Yellow (53%)

Blue (48%)

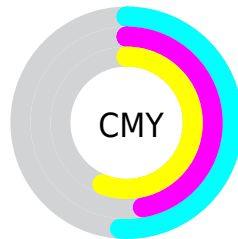


Cyan (7%)

Magenta (0%)

Yellow (16%)

Black (47%)



Cyan (51%)

Magenta (47%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 113, 134, 123 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 113, 134, 123 by changing the saturation by 10% instead.

■ 113, 134, 123

255, 255, 255

■ 165, 187, 175

■ 192, 215, 203

■ 220, 243, 231

■ 248, 255, 248

■ 113, 134, 123

■ 100, 134, 116

■ 86, 134, 109

■ 113, 134, 123

■ 89, 109, 99

■ 65, 84, 74

■ 43, 61, 52

■ 22, 39, 30

■ 0, 19, 13

■ 0, 0, 0

■ 113, 134, 123

■ 126, 134, 130

■ 137, 134, 140

■ 73, 134, 102

■ 143, 134, 153

■ 59, 134, 95

■ 150, 134, 167

■ 46, 134, 88

■ 156, 134, 180

■ 33, 134, 81

■ 162, 134, 193

■ 19, 134, 74

■ 169, 134, 207

■ 6, 134, 67

■ 175, 134, 220

■ 0, 134, 64

■ 181, 134, 234

Harmonies

Analogous

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



115, 136, 109



113, 134, 123



112, 129, 136

Triad

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



113, 134, 123



109, 125, 150



153, 123, 128

Complementary

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



113, 134, 123



123, 113, 134

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.



147, 124, 139



113, 134, 123



122, 129, 152

Square

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



113, 134, 123



102, 121, 144



136, 127, 148



153, 125, 118

Rectangle

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



113, 134, 123



106, 124, 137



136, 127, 148



152, 123, 132

Sweetspot

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



113, 134, 123



165, 173, 169



134, 132, 113



81, 87, 84



214, 214, 214



87, 87, 87

Same Dimension

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



113, 134, 123



140, 173, 155



113, 134, 133



60, 66, 63



0, 130, 62



0, 3, 2

Inverse Universe

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



123, 113, 134



156, 140, 173



133, 113, 134



63, 60, 66



62, 0, 130



1, 0, 3

Previews

White Background



This preview shows how the RYB color 113, 134, 123 looks on a white background.

Color Contrast Check

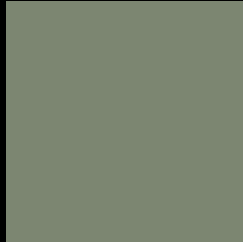
Large Text (above 18pt) WCAG AA ✓ Pass

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 113, 134, 123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

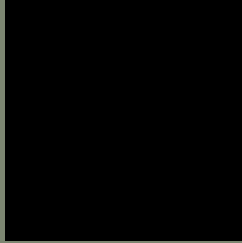
Any Text WCAG AA ✓ Pass

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](#).

R Y B 113, 134, 123 Background



This preview shows how black text looks on a background with the RYB color 113, 134, 123.



This preview shows how white text looks on a background with the RYB color 113, 134, 123.

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

[113](#), [134](#), [123](#)

Protanopia

[121](#), [137](#), [111](#)

Deuteranopia

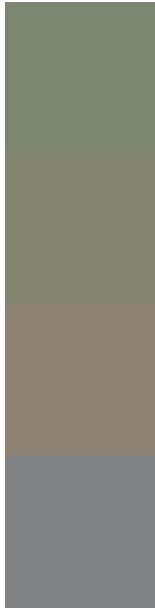
[149](#), [131](#), [115](#)



Tritanopia

128, 130, 140

Trichromacy



Original Color

113, 134, 123

Protanomaly

113, 132, 112

Deuteranomaly

133, 140, 114

Tritanomaly

127, 129, 131

Monochromacy



Original Color

113, 134, 123

Achromatopsia

129, 129, 129

Achromatomaly

123, 131, 127

CSS Examples

Text

The CSS property to change the color of the text to RYB 113, 134, 123 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(124, 134, 113)` looks like.

```
.text, #text, p{  
    color:rgb(124, 134, 113)  
}
```

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(124, 134, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 134, 113) }
```

Border

The CSS property to change the border of an element to RYB 113, 134, 123 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(124, 134, 113) }
```

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

```
.border{ border-color:rgb(124, 134, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 134, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 134, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 134, 113);  
box-shadow:4px 4px 4px 4px rgb(124, 134,  
113) }
```

Background

The CSS property to change the background color of an element to RYB 113, 134, 123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 134, 113) }
```

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

```
.background{ background-color: rgb(124,  
134, 113) }
```

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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