

Converting Colors

`RYB(126, 146, 123)`

Have a look what the booklet for
RYB(126, 146, 123) contains.

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Color

R_YB(126, 146, 123)

Conversions

Conversions Part 1

Format	Color
Hex	928F7B
RGB	146, 143, 123
RGB Percent	57%, 56%, 48%
CMY	0.4275, 0.4379, 0.5176
CMYK	0.00, 0.02, 0.16, 0.43
HSL	53°, 10%, 53%
HSV	53°, 16%, 57%
XYZ	25.3037, 27.2901, 22.6728
YIQ	141.6170, 8.2080, -5.5840

Conversions

Conversions Part 2

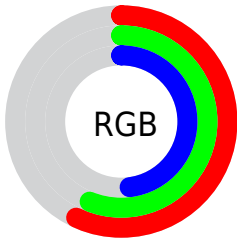
Format	Color
R_{YB}	126, 146, 123
Decimal	9604987
CIE _{Lab}	59.24, -2.67, 11.18
CIE _{LCh}	59, 11.497, 103.413
Yxy	27.2901, 0.3362, 0.3626
Android (android.graphics.Color)	4287795067 (0xFF928F7B)
YUV	141.6170, -9.1782, 3.8439
Hunter-Lab	52.2399, -4.9588, 10.8353

Details

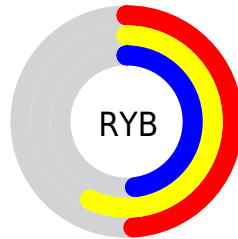
The RYB color **126, 146, 123** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **123, 126, 146**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **178, 200, 175**, and **76, 95, 74** is the 20% darker color. If you saturate the color by 10%, you get **112, 146, 108**, and if you desaturate by 10%, it is **139, 146, 138**.

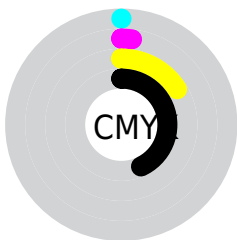
Distribution



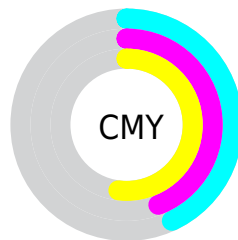
- Red (57%)
- Green (56%)
- Blue (48%)



- Red (49%)
- Yellow (57%)
- Blue (48%)



- Cyan (0%)
- Magenta (2%)
- Yellow (16%)
- Black (43%)



- Cyan (43%)
- Magenta (44%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 126, 146, 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 126, 146, 123 by changing the saturation by 10% instead.

 126, 146, 123

255, 255, 255

 178, 200, 175

 206, 228, 203

 232, 255, 231

 126, 146, 123

 100, 120, 98

 76, 95, 74


 53, 71, 52


 32, 49, 30

 8, 29, 6

 0, 0, 0

 126, 146, 123

 112, 146, 108

 101, 146, 94

 126, 146, 123

 139, 146, 138

 146, 147, 152

■ 88, 146, 79

■ 146, 148, 167

■ 75, 146, 65

■ 146, 150, 181

■ 62, 146, 50

■ 146, 151, 196

■ 50, 146, 35

■ 146, 152, 211

■ 37, 146, 21

■ 146, 154, 225

■ 24, 146, 6

■ 146, 156, 240

■ 19, 146, 0

■ 146, 158, 254

Harmonies

Analogous

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



156, 156, 124



126, 146, 123



128, 146, 140

Triad

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



126, 146, 123



118, 135, 156



160, 136, 149

Complementary

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



126, 146, 123



123, 126, 146

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.



150, 139, 157



126, 146, 123



125, 138, 162

Square

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



126, 146, 123



118, 134, 149



137, 141, 162



164, 136, 138

Rectangle

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



126, 146, 123



127, 143, 148



137, 141, 162



157, 137, 152

Sweetspot

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



126, 146, 123



180, 189, 179



146, 123, 126



89, 94, 89



222, 222, 222



94, 94, 94

Same Dimension

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



126, 146, 123



158, 189, 153



123, 146, 132



68, 74, 67



18, 138, 0



1, 10, 0

Inverse Universe

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



123, 126, 146



153, 157, 189



132, 123, 146



67, 67, 74



0, 14, 138



0, 1, 10

Previews

White Background



This preview shows how the RYB color 126, 146, 123 looks on a white background.

Color Contrast Check

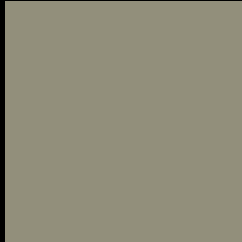
Large Text (above 18pt) WCAG AA ✓ Pass

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 126, 146, 123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

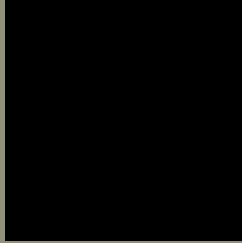
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

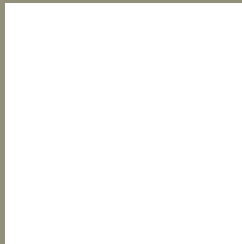
Any Text WCAG AAA × Fail

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

RYB 126, 146, 123 Background



This preview shows how black text looks on a background with the RYB color 126, 146, 123.



This preview shows how white text looks on a background with the RYB color 126, 146, 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](#).

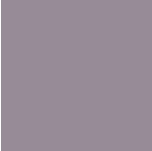
Dichromacy



Original Color
[126, 146, 123](#)

Protanopia
[133, 150, 122](#)

Deuteranopia
[163, 144, 124](#)



Tritanopia
150, 139, 150

Trichromacy



Original Color

126, 146, 123

Protanomaly

131, 149, 122

Deuteranomaly

157, 152, 124

Tritanomaly

149, 141, 140

Monochromacy



Original Color

126, 146, 123

Achromatopsia

142, 142, 142

Achromatomaly

136, 143, 135

CSS Examples

Text

The CSS property to change the color of the text to RYB 126, 146, 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(146, 143, 123) looks like.

```
.text, #text, p{  
    color:rgb(146, 143, 123)  
}
```

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, 143, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 143, 123) }
```

Border

The CSS property to change the border of an element to RYB 126, 146, 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(146, 143, 123) }
```

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

```
.border{ border-color:rgb(146, 143, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 143, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 143, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 143, 123);  
box-shadow:4px 4px 4px 4px rgb(146, 143,  
123) }
```

Background

The CSS property to change the background color of an element to RYB 126, 146, 123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 143, 123) }
```

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

```
.background{ background-color: rgb(146,  
143, 123) }
```

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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