

Converting Colors

`RYB(126, 99, 103)`

Have a look what the booklet for
RYB(126, 99, 103) contains.

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Color

R_YB(126, 99, 103)

Conversions

Conversions Part 1

Format	Color
Hex	7E6367
RGB	126, 99, 103
RGB Percent	49%, 39%, 40%
CMY	0.5059, 0.6118, 0.5961
CMYK	0.00, 0.21, 0.18, 0.51
HSL	351°, 12%, 44%
HSV	351°, 21%, 49%
XYZ	15.5142, 14.3386, 14.7819
YIQ	107.5290, 14.8080, 6.9680

Conversions

Conversions Part 2

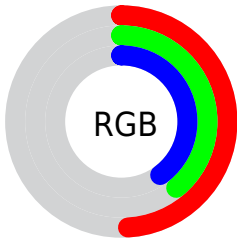
Format	Color
R_{YB}	126, 99, 103
Decimal	8282983
CIE Lab	44.71, 11.55, 1.89
CIE LCh	45, 11.707, 9.290
Yxy	14.3386, 0.3476, 0.3212
Android (android.graphics.Color)	4286473063 (0xFF7E6367)
YUV	107.5290, -2.2328, 16.1991
Hunter-Lab	37.8663, 6.8672, 3.3613

Details

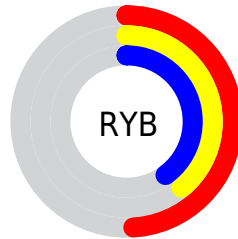
The RYB color **126, 99, 103** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **99, 114, 126**, and the grayscale version is **108, 108, 108**.

A 20% lighter version of the original color is **179, 150, 154**, and **76, 52, 56** is the 20% darker color. If you saturate the color by 10%, you get **126, 86, 92**, and if you desaturate by 10%, it is **126, 112, 114**.

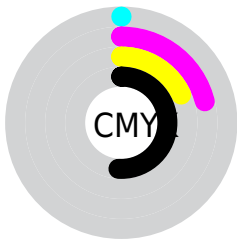
Distribution



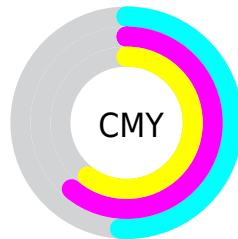
- Red (49%)
- Green (39%)
- Blue (40%)



- Red (49%)
- Yellow (39%)
- Blue (40%)



- Cyan (0%)
- Magenta (21%)
- Yellow (18%)
- Black (51%)



- Cyan (51%)
- Magenta (61%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 126, 99, 103 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, 99, 103 by changing the saturation by 10% instead.



126, 99, 103



126, 99, 103

255, 255, 255



101, 75, 79



179, 150, 154



76, 52, 56



207, 177, 181



53, 31, 35



235, 204, 208



33, 8, 13



255, 232, 237



0, 0, 0



126, 99, 103



126, 99, 103



126, 86, 92



126, 112, 114



126, 74, 82



126, 124, 124




126, 61, 71




126, 132, 137

 126, 49, 60

 126, 138, 149

 126, 36, 49

 126, 145, 162

 126, 23, 39

 126, 153, 175

 126, 11, 28

 126, 159, 187

 126, 0, 19

 126, 166, 200

 126, 172, 212

Harmonies

Analogous

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



121, 100, 113



126, 99, 103



125, 101, 94

Triad

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



126, 99, 103



91, 109, 101



87, 101, 124

Complementary

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



126, 99, 103



99, 114, 126

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.



81, 98, 118



126, 99, 103



89, 104, 111

Square

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



126, 99, 103



92, 110, 87



81, 97, 111



99, 105, 125

Rectangle

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



126, 99, 103



122, 110, 89



81, 97, 111



84, 99, 122

Sweetspot

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



126, 99, 103



163, 153, 155



122, 99, 126



82, 76, 77



209, 209, 209



82, 82, 82

Same Dimension

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



126, 99, 103



163, 121, 127



126, 113, 99



64, 57, 58



128, 0, 19



0, 0, 0

Inverse Universe

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



126, 99, 103



163, 121, 127



99, 110, 126



64, 57, 58



128, 0, 19



0, 0, 0

Previews

White Background



This preview shows how the RYB color 126, 99, 103 looks on a white 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

Black Background



This preview shows how the RYB color 126, 99, 103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

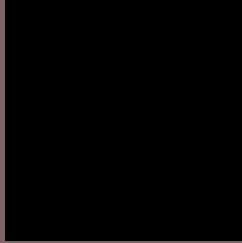
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RYB 126, 99, 103 Background



This preview shows how black text looks on a background with the RYB color 126, 99, 103.

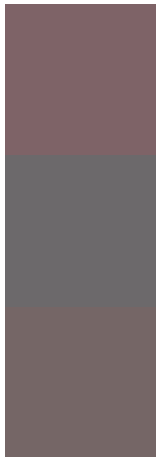


This preview shows how white text looks on a background with the RYB color 126, 99, 103.

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, 99, 103

Protanopia

108, 105, 107

Deuteranopia

117, 102, 102



Tritanopia
126, 99, 106

Trichromacy



Original Color

126, 99, 103

Protanomaly

115, 103, 106

Deuteranomaly

120, 101, 102

Tritanomaly

126, 99, 105

Monochromacy



Original Color

126, 99, 103

Achromatopsia

108, 108, 108

Achromatomaly

115, 105, 106

CSS Examples

Text

The CSS property to change the color of the text to RYB 126, 99, 103 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(126, 99, 103)` looks like.

```
.text, #text, p{  
    color:rgb(126, 99, 103)  
}
```

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(126, 99, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 99, 103) }
```

Border

The CSS property to change the border of an element to RYB 126, 99, 103 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(126, 99, 103) }
```

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

```
.border{ border-color:rgb(126, 99, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 99, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 99, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 99, 103);  
box-shadow:4px 4px 4px 4px rgb(126, 99,  
103) }
```

Background

The CSS property to change the background color of an element to RGB 126, 99, 103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 99, 103) }
```

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

```
.background{ background-color: rgb(126, 99,  
103) }
```

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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