

Converting Colors

`RYB(126, 81, 107)`

Have a look what the booklet for
RYB(126, 81, 107) contains.

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Color

R_YB(126, 81, 107)

Conversions

Conversions Part 1

Format	Color
Hex	7E516B
RGB	126, 81, 107
RGB Percent	49%, 32%, 42%
CMY	0.5059, 0.6824, 0.5804
CMYK	0.00, 0.36, 0.15, 0.51
HSL	325°, 22%, 41%
HSV	325°, 36%, 49%
XYZ	14.2005, 11.3820, 15.3584
YIQ	97.4190, 18.4740, 17.6260

Conversions

Conversions Part 2

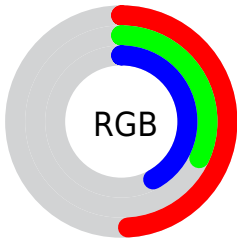
Format	Color
R_{YB}	126, 81, 107
Decimal	8278379
CIE _{Lab}	40.22, 23.00, -7.18
CIE _{LCh}	40, 24.096, 342.652
Yxy	11.3820, 0.3469, 0.2780
Android (android.graphics.Color)	4286468459 (0xFF7E516B)
YUV	97.4190, 4.7234, 25.0655
Hunter-Lab	33.7372, 16.0929, -3.3749

Details

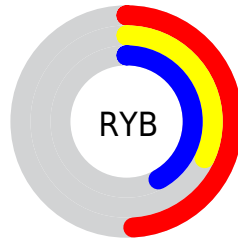
The RYB color **126, 81, 107** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **81, 113, 126**, and the grayscale version is **97, 97, 97**.

A 20% lighter version of the original color is **180, 131, 158**, and **76, 35, 60** is the 20% darker color. If you saturate the color by 10%, you get **126, 68, 102**, and if you desaturate by 10%, it is **126, 94, 112**.

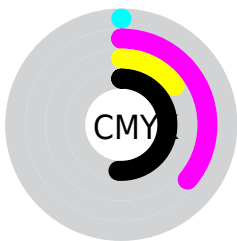
Distribution



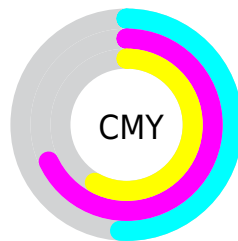
- Red (49%)
- Green (32%)
- Blue (42%)



- Red (49%)
- Yellow (32%)
- Blue (42%)



- Cyan (0%)
- Magenta (36%)
- Yellow (15%)
- Black (51%)



- Cyan (51%)
- Magenta (68%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 126, 81, 107 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, 81, 107 by changing the saturation by 10% instead.



126, 81, 107



126, 81, 107

255, 255, 255



100, 57, 83



180, 131, 158



76, 35, 60



207, 157, 185



52, 13, 38



236, 184, 213



34, 0, 18



255, 212, 241



0, 0, 0



255, 241, 255



126, 81, 107



126, 81, 107



126, 68, 102



126, 94, 112



126, 56, 96



126, 106, 118

126, 43, 91

126, 119, 123

126, 31, 86

126, 130, 131

126, 18, 80

126, 138, 144

126, 5, 75

126, 148, 157

126, 0, 73

126, 156, 169

126, 165, 182

126, 174, 194

Harmonies

Analogous

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



108, 87, 124



126, 81, 107



133, 80, 87

Triad

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



126, 81, 107



60, 100, 56



17, 64, 121

Complementary

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



126, 81, 107



81, 113, 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.



27, 67, 105



126, 81, 107



65, 101, 88

Square

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



126, 81, 107



109, 118, 57



53, 86, 105



47, 80, 132

Rectangle

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



126, 81, 107



132, 83, 75



53, 86, 105



14, 62, 115

Sweetspot

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



126, 81, 107



163, 145, 156



100, 81, 126



82, 71, 77



209, 209, 209



82, 82, 82

Same Dimension

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



126, 81, 107



163, 93, 134



126, 81, 85



64, 57, 61



128, 0, 74



0, 0, 0

Inverse Universe

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



126, 81, 107



163, 93, 134



81, 105, 126



64, 57, 61



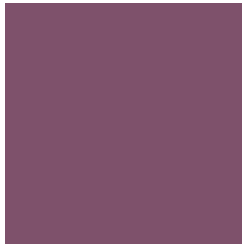
128, 0, 74



0, 0, 0

Previews

White Background



This preview shows how the RYB color 126, 81, 107 looks on a white background.

Color Contrast Check

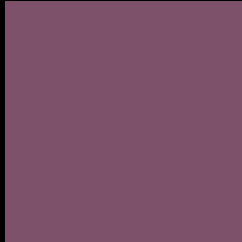
Large Text (above 18pt) WCAG AA ✓ Pass

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, 81, 107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

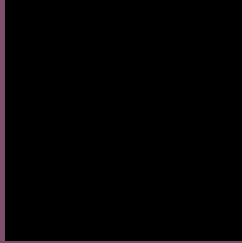
Any Text WCAG AA × Fail

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](#).

R Y B 126, 81, 107 Background



This preview shows how black text looks on a background with the RYB color 126, 81, 107.



This preview shows how white text looks on a background with the RYB color 126, 81, 107.

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, 81, 107

Protanopia

90, 93, 116

Deuteranopia

100, 93, 105



Tritanopia
124, 84, 90

Trichromacy



Original Color

126, 81, 107

Protanomaly

103, 89, 113

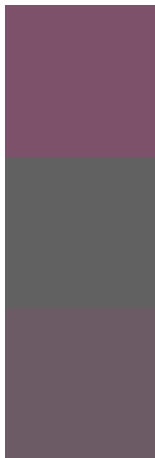
Deuteranomaly

109, 89, 106

Tritanomaly

125, 83, 96

Monochromacy



Original Color

126, 81, 107

Achromatopsia

97, 97, 97

Achromatomaly

108, 91, 101

CSS Examples

Text

The CSS property to change the color of the text to RYB 126, 81, 107 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, 81, 107) looks like.

```
.text, #text, p{  
    color:rgb(126, 81, 107)  
}
```

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, 81, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 81, 107) }
```

Border

The CSS property to change the border of an element to RYB 126, 81, 107 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, 81, 107) }
```

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

```
.border{ border-color:rgb(126, 81, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 81, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 81, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 81, 107);  
box-shadow:4px 4px 4px 4px rgb(126, 81,  
107) }
```

Background

The CSS property to change the background color of an element to RGB 126, 81, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 81, 107) }
```

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

```
.background{ background-color: rgb(126, 81,  
107) }
```

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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