

Converting Colors

`RYB(121, 97, 106)`

Have a look what the booklet for
RYB(121, 97, 106) contains.

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Color

`RYB(121, 97, 106)`

Conversions

Conversions Part 1

Format	Color
Hex	79616A
RGB	121, 97, 106
RGB Percent	47%, 38%, 42%
CMY	0.5255, 0.6196, 0.5843
CMYK	0.00, 0.20, 0.12, 0.53
HSL	338°, 11%, 43%
HSV	338°, 20%, 47%
XYZ	14.7614, 13.6549, 15.4933
YIQ	105.2020, 11.4150, 7.8870

Conversions

Conversions Part 2

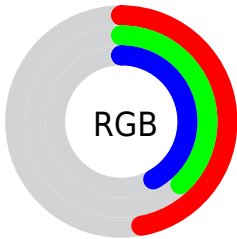
Format	Color
R_{YB}	121, 97, 106
Decimal	7954794
CIE _{Lab}	43.73, 11.29, -1.42
CIE _{LCh}	44, 11.376, 352.808
Yxy	13.6549, 0.3362, 0.3110
Android (android.graphics.Color)	4286144874 (0xFF79616A)
YUV	105.2020, 0.3934, 13.8548
Hunter-Lab	36.9526, 6.6379, 1.0080

Details

The RYB color **121, 97, 106** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **97, 112, 121**, and the grayscale version is **105, 105, 105**.

A 20% lighter version of the original color is **174, 148, 157**, and **72, 51, 59** is the 20% darker color. If you saturate the color by 10%, you get **121, 85, 98**, and if you desaturate by 10%, it is **121, 109, 114**.

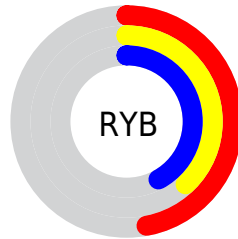
Distribution



Red (47%)

Green (38%)

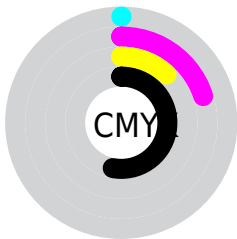
Blue (42%)



Red (47%)

Yellow (38%)

Blue (42%)

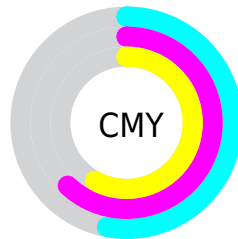


Cyan (0%)

Magenta (20%)

Yellow (12%)

Black (53%)



Cyan (53%)

Magenta (62%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 121, 97, 106 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 121, 97, 106 by changing the saturation by 10% instead.



121, 97, 106



121, 97, 106

255, 255, 255



96, 73, 82



174, 148, 157



72, 51, 59



201, 174, 184



49, 29, 37



229, 202, 212



29, 5, 16



255, 230, 240



0, 0, 0



121, 97, 106



121, 97, 106



121, 85, 98



121, 109, 114



121, 73, 91



121, 121, 121



121, 61, 83



121, 128, 133

■ 121, 49, 76

■ 121, 136, 145

■ 121, 36, 68

■ 121, 143, 157

■ 121, 24, 61

■ 121, 151, 170

■ 121, 12, 53

■ 121, 159, 182

■ 121, 0, 46

■ 121, 166, 194

■ 121, 0, 45

■ 121, 173, 206

Harmonies

Analogous

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



113, 99, 115



121, 97, 106



123, 97, 96

Triad

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



121, 97, 106



86, 105, 88



81, 96, 118

Complementary

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



121, 97, 106



97, 112, 121

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.



79, 94, 110



121, 97, 106



92, 107, 107

Square

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



121, 97, 106



103, 113, 85



83, 98, 109



90, 100, 122

Rectangle

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



121, 97, 106



122, 100, 91



83, 98, 109



79, 95, 116

Sweetspot

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



121, 97, 106



158, 149, 152



112, 97, 121



79, 74, 76



207, 207, 207



79, 79, 79

Same Dimension

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



121, 97, 106



158, 120, 134



121, 100, 97



61, 55, 57



125, 0, 47



252, 0, 95

Inverse Universe

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



121, 97, 106



158, 120, 134



97, 108, 121



61, 55, 57



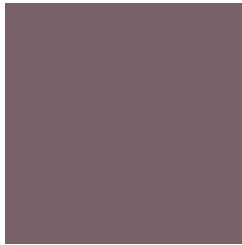
125, 0, 47



252, 0, 95

Previews

White Background



This preview shows how the RYB color 121, 97, 106 looks on a white background.

Color Contrast Check

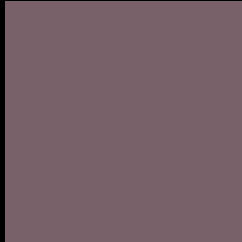
Large Text (above 18pt) WCAG AA ✓ Pass

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 121, 97, 106 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 121, 97, 106 Background



This preview shows how black text looks on a background with the RYB color 121, 97, 106.



This preview shows how white text looks on a background with the RYB color 121, 97, 106.

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
121, 97, 106

Protanopia
104, 103, 110

Deuteranopia
113, 100, 105



Tritanopia
121, 97, 105

Trichromacy



Original Color

121, 97, 106

Protanomaly

110, 101, 109

Deuteranomaly

116, 99, 105

Tritanomaly

121, 97, 105

Monochromacy



Original Color

121, 97, 106

Achromatopsia

105, 105, 105

Achromatomaly

111, 102, 105

CSS Examples

Text

The CSS property to change the color of the text to RYB 121, 97, 106 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(121, 97, 106)` looks like.

```
.text, #text, p{  
    color:rgb(121, 97, 106)  
}
```

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(121, 97, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 97, 106) }
```

Border

The CSS property to change the border of an element to RYB 121, 97, 106 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(121, 97, 106) }
```

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

```
.border{ border-color:rgb(121, 97, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 97, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 97, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 97, 106); box-shadow:4px 4px 4px 4px rgb(121, 97, 106) }
```

Background

The CSS property to change the background color of an element to RYB 121, 97, 106 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 97, 106) }
```

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

```
.background{ background-color: rgb(121, 97,  
106) }
```

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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