

Converting Colors

`RYB(122, 110, 118)`

Have a look what the booklet for
RYB(122, 110, 118) contains.

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Color

R_YB(122, 110, 118)

Conversions

Conversions Part 1

Format	Color
Hex	7A6E76
RGB	122, 110, 118
RGB Percent	48%, 43%, 46%
CMY	0.5216, 0.5686, 0.5373
CMYK	0.00, 0.10, 0.03, 0.52
HSL	320°, 5%, 45%
HSV	320°, 10%, 48%
XYZ	16.8720, 16.5974, 19.4539
YIQ	114.5000, 4.5840, 5.0320

Conversions

Conversions Part 2

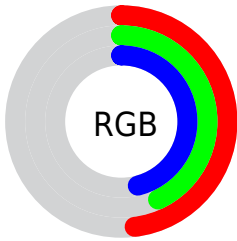
Format	Color
R_{YB}	122, 110, 118
Decimal	8023670
CIE Lab	47.75, 6.22, -2.73
CIE LCh	48, 6.799, 336.293
Yxy	16.5974, 0.3188, 0.3136
Android (android.graphics.Color)	4286213750 (0xFF7A6E76)
YUV	114.5000, 1.7255, 6.5775
Hunter-Lab	40.7400, 2.6288, 0.2061

Details

The RYB color **122, 110, 118** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **110, 119, 122**, and the grayscale version is **114, 114, 114**.

A 20% lighter version of the original color is **174, 162, 170**, and **73, 62, 70** is the 20% darker color. If you saturate the color by 10%, you get **122, 98, 114**, and if you desaturate by 10%, it is **122, 122, 122**.

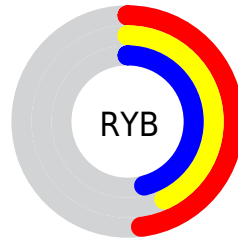
Distribution



Red (48%)

Green (43%)

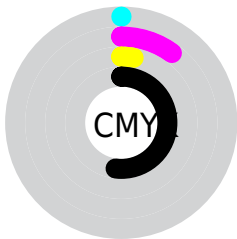
Blue (46%)



Red (48%)

Yellow (43%)

Blue (46%)

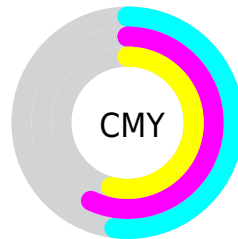


Cyan (0%)

Magenta (10%)

Yellow (3%)

Black (52%)



Cyan (52%)

Magenta (57%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 122, 110, 118 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 122, 110, 118 by changing the saturation by 10% instead.

■ 122, 110, 118

255, 255, 255

■ 174, 162, 170

■ 202, 189, 197

■ 230, 216, 225

■ 255, 245, 254

■ 122, 110, 118

■ 97, 86, 93

■ 73, 62, 70

■ 51, 41, 47

■ 30, 20, 27

■ 0, 0, 0

■ 122, 110, 118

■ 122, 98, 114

■ 122, 86, 110

■ 122, 73, 106

■ 122, 110, 118

■ 122, 122, 122

■ 122, 131, 134

■ 122, 141, 147

■ 122, 61, 102

■ 122, 150, 159

■ 122, 49, 98

■ 122, 159, 171

■ 122, 37, 94

■ 122, 168, 183

■ 122, 25, 90

■ 122, 177, 195

■ 122, 12, 85

■ 122, 186, 208

■ 122, 0, 81

■ 122, 195, 220

Harmonies

Analogous

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



116, 111, 123



122, 110, 118



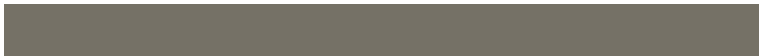
125, 109, 112

Triad

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



122, 110, 118



107, 117, 102



99, 108, 120

Complementary

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



122, 110, 118



110, 119, 122

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.



100, 109, 117



122, 110, 118



104, 115, 109

Square

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



122, 110, 118



122, 117, 103



104, 112, 116



103, 111, 124

Rectangle

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



122, 110, 118



126, 110, 108



104, 112, 116



99, 108, 118

Sweetspot

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



122, 110, 118



158, 153, 157



114, 110, 122



79, 76, 78



207, 207, 207



79, 79, 79

Same Dimension

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



122, 110, 118



158, 139, 152



122, 110, 112



61, 55, 59



125, 0, 83



252, 0, 168

Inverse Universe

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



122, 110, 118



158, 139, 152



110, 117, 122



61, 55, 59



125, 0, 83



252, 0, 168

Previews

White Background



This preview shows how the RYB color 122, 110, 118 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 122, 110, 118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

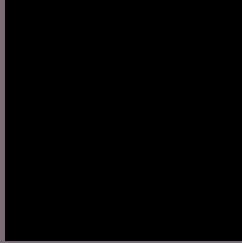
Any Text WCAG AA × Fail

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 122, 110, 118 Background



This preview shows how black text looks on a background with the RYB color 122, 110, 118.



This preview shows how white text looks on a background with the RYB color 122, 110, 118.

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
122, 110, 118

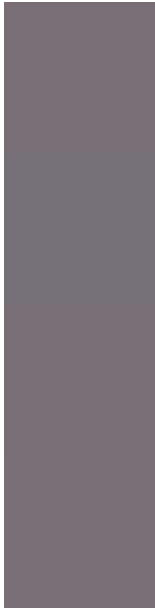
Protanopia
114, 113, 120

Deuteranopia
122, 110, 118



Tritanopia
122, 110, 119

Trichromacy



Original Color

122, 110, 118

Protanomaly

117, 112, 119

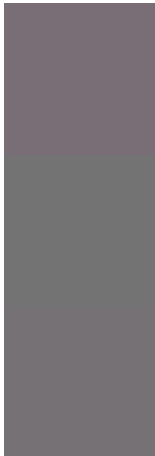
Deuteranomaly

122, 110, 118

Tritanomaly

122, 110, 119

Monochromacy



Original Color

122, 110, 118

Achromatopsia

115, 115, 115

Achromatomaly

118, 113, 116

CSS Examples

Text

The CSS property to change the color of the text to RYB 122, 110, 118 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(122, 110, 118) looks like.

```
.text, #text, p{  
    color:rgb(122, 110, 118)  
}
```

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(122, 110, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 110, 118) }
```

Border

The CSS property to change the border of an element to RYB 122, 110, 118 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(122, 110, 118) }
```

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

```
.border{ border-color:rgb(122, 110, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 110, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 110, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 110, 118);  
box-shadow:4px 4px 4px 4px rgb(122, 110,  
118) }
```

Background

The CSS property to change the background color of an element to RYB 122, 110, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 110, 118) }
```

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

```
.background{ background-color: rgb(122,  
110, 118) }
```

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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