

Converting Colors

`RYB(121, 104, 124)`

Have a look what the booklet for
RYB(121, 104, 124) contains.

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Color

`RYB(121, 104, 124)`

Conversions

Conversions Part 1

Format	Color
Hex	79687C
RGB	121, 104, 124
RGB Percent	47%, 41%, 49%
CMY	0.5255, 0.5922, 0.5137
CMYK	0.02, 0.16, 0.00, 0.51
HSL	291°, 9%, 45%
HSV	291°, 16%, 49%
XYZ	16.4736, 15.4208, 21.1770
YIQ	111.3630, 3.7120, 9.8240

Conversions

Conversions Part 2

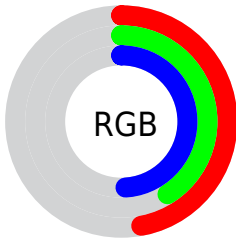
Format	Color
R_{YB}	121, 104, 124
Decimal	7956604
CIE Lab	46.21, 10.65, -8.63
CIE LCh	46, 13.704, 320.987
Yxy	15.4208, 0.3104, 0.2906
Android (android.graphics.Color)	4286146684 (0xFF79687C)
YUV	111.3630, 6.2300, 8.4516
Hunter-Lab	39.2693, 6.1597, -4.4852

Details

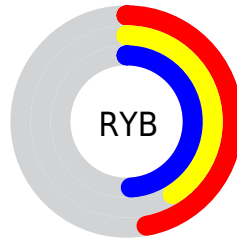
The RYB color **121, 104, 124** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **104, 124, 121**, and the grayscale version is **111, 111, 111**.

A 20% lighter version of the original color is **173, 155, 177**, and **72, 57, 75** is the 20% darker color. If you saturate the color by 10%, you get **119, 92, 124**, and if you desaturate by 10%, it is **123, 116, 124**.

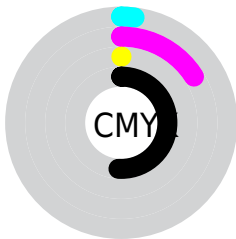
Distribution



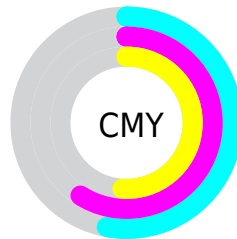
- Red (47%)
- Green (41%)
- Blue (49%)



- Red (47%)
- Yellow (41%)
- Blue (49%)



- Cyan (2%)
- Magenta (16%)
- Yellow (0%)
- Black (51%)



- Cyan (53%)
- Magenta (59%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 121, 104, 124 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, 104, 124 by changing the saturation by 10% instead.

■ 121, 104, 124

255, 255, 255

■ 173, 155, 177

■ 201, 182, 204

■ 229, 210, 232

■ 255, 238, 255

■ 121, 104, 124

■ 119, 92, 124

■ 117, 79, 124

■ 121, 104, 124

■ 96, 80, 99

■ 72, 57, 75

■ 50, 35, 53

■ 29, 15, 31

■ 0, 0, 5

■ 0, 0, 0

■ 121, 104, 124

■ 123, 116, 124

■ 124, 129, 128

115, 67, 124

124, 141, 138

114, 54, 124

124, 154, 150

112, 42, 124

124, 166, 160

110, 30, 124

124, 178, 170

108, 17, 124

124, 191, 181

106, 5, 124

124, 203, 191

105, 0, 124

124, 216, 202

Harmonies

Analogous

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



107, 108, 131



121, 104, 124



130, 102, 113

Triad

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



121, 104, 124



113, 122, 87



79, 98, 117

Complementary

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



121, 104, 124



104, 124, 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.



85, 104, 116



121, 104, 124



88, 111, 89

Square

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



121, 104, 124



130, 110, 92



95, 114, 112



81, 100, 127

Rectangle

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



121, 104, 124



133, 101, 106



95, 114, 112



80, 99, 116

Sweetspot

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



121, 104, 124



159, 153, 161



104, 107, 124



81, 77, 82



209, 209, 209



82, 82, 82

Same Dimension

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



121, 104, 124



156, 130, 161



124, 104, 117



60, 55, 61



106, 0, 125



215, 0, 252

Inverse Universe

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



124, 104, 107



161, 130, 135



104, 119, 124



61, 55, 56



125, 0, 19



252, 0, 38

Previews

White Background



This preview shows how the RYB color 121, 104, 124 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, 104, 124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

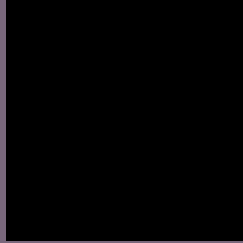
Any Text WCAG AA × Fail

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, 104, 124 Background



This preview shows how black text looks on a background with the RYB color 121, 104, 124.



This preview shows how white text looks on a background with the RYB color 121, 104, 124.

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, 104, 124

Protanopia

106, 109, 127

Deuteranopia

114, 107, 123



Tritanopia
120, 106, 114

Trichromacy



Original Color

121, 104, 124

Protanomaly

111, 107, 126

Deuteranomaly

117, 106, 123

Tritanomaly

120, 105, 118

Monochromacy



Original Color

121, 104, 124

Achromatopsia

111, 111, 111

Achromatomaly

115, 108, 116

CSS Examples

Text

The CSS property to change the color of the text to RYB 121, 104, 124 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, 104, 124) looks like.

```
.text, #text, p{  
    color:rgb(121, 104, 124)  
}
```

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, 104, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 104, 124) }
```

Border

The CSS property to change the border of an element to RYB 121, 104, 124 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, 104, 124) }
```

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

```
.border{ border-color:rgb(121, 104, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 104, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 104, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 104, 124);  
box-shadow:4px 4px 4px 4px rgb(121, 104,  
124) }
```

Background

The CSS property to change the background color of an element to RYB 121, 104, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 104, 124) }
```

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

```
.background{ background-color: rgb(121,  
104, 124) }
```

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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