

Converting Colors

`RYB(117, 121, 124)`

Have a look what the booklet for
RYB(117, 121, 124) contains.

RYB(117, 121, 124)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(117, 121, 124)

Conversions

Conversions Part 1

Format	Color
Hex	757C7A
RGB	117, 124, 122
RGB Percent	46%, 49%, 48%
CMY	0.5412, 0.5137, 0.5206
CMYK	0.06, 0.00, 0.01, 0.51
HSL	165°, 3%, 47%
HSV	165°, 6%, 49%
XYZ	18.0721, 19.6086, 21.3260
YIQ	121.6790, -3.5300, -2.1060

Conversions

Conversions Part 2

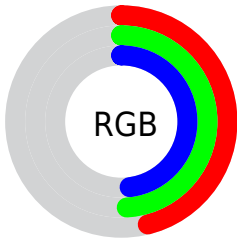
Format	Color
RYB	117, 121, 124
Decimal	7699578
CIELab	51.39, -2.97, 0.04
CIELCh	51, 2.967, 179.145
Yxy	19.6086, 0.3063, 0.3323
Android (android.graphics.Color)	4285889658 (0xFF757C7A)
YUV	121.6790, 0.1583, -4.1035
Hunter-Lab	44.2816, -4.6435, 2.4430

Details

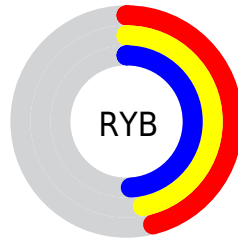
The RYB color **117, 121, 124** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **124, 117, 119**, and the grayscale version is **122, 122, 122**.

A 20% lighter version of the original color is **169, 173, 176**, and **69, 73, 75** is the 20% darker color. If you saturate the color by 10%, you get **105, 116, 124**, and if you desaturate by 10%, it is **129, 124, 125**.

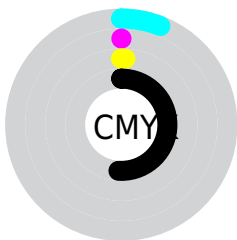
Distribution



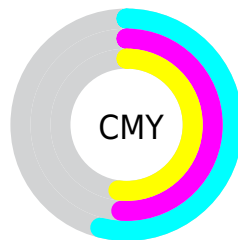
- Red (46%)
- Green (49%)
- Blue (48%)



- Red (46%)
- Yellow (47%)
- Blue (49%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (51%)



- Cyan (54%)
- Magenta (51%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 117, 121, 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 117, 121, 124 by changing the saturation by 10% instead.

■ 117, 121, 124

255, 255, 255

■ 169, 173, 176

■ 196, 201, 204

■ 224, 229, 232

253, 254, 255

■ 117, 121, 124

■ 105, 116, 124

■ 92, 110, 124

■ 117, 121, 124

■ 92, 96, 99

■ 69, 72, 75

■ 47, 51, 53

■ 26, 29, 31

■ 0, 4, 7

■ 0, 0, 0

■ 117, 121, 124

■ 129, 124, 125

■ 142, 124, 128

■ 80, 105, 124

■ 154, 124, 132

■ 67, 99, 124

■ 167, 124, 135

■ 55, 94, 124

■ 179, 124, 138

■ 43, 89, 124

■ 191, 124, 141

■ 30, 84, 124

■ 204, 124, 144

■ 18, 79, 124

■ 216, 124, 147

■ 5, 73, 124

■ 229, 124, 150

Harmonies

Analogous

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



119, 123, 124



117, 121, 124



116, 120, 125

Triad

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



117, 121, 124



123, 122, 127



127, 123, 118

Complementary

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



117, 121, 124



124, 117, 119

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.



128, 121, 120



117, 121, 124



126, 121, 125

Square

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



117, 121, 124



120, 122, 127



128, 121, 123



122, 125, 117

Rectangle

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



117, 121, 124



117, 121, 126



128, 121, 123



128, 122, 119

Sweetspot

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



117, 121, 124



157, 159, 161



117, 124, 122



80, 81, 82



209, 209, 209



82, 82, 82

Same Dimension

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



117, 121, 124



149, 156, 161



117, 120, 124



56, 59, 61



0, 71, 125



0, 144, 252

Inverse Universe

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



124, 117, 119



161, 149, 152



124, 120, 117



61, 56, 58



125, 0, 31



252, 0, 63

Previews

White Background



This preview shows how the RYB color 117, 121, 124 looks on a white background.

Color Contrast Check

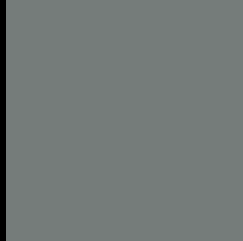
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 117, 121, 124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

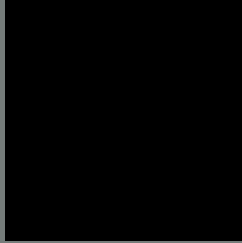
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

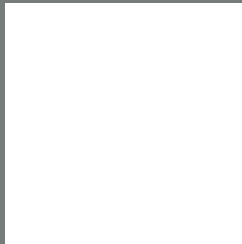
Any Text WCAG AAA × Fail

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

RYB 117, 121, 124 Background



This preview shows how black text looks on a background with the RYB color 117, 121, 124.



This preview shows how white text looks on a background with the RYB color 117, 121, 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
[117](#), [121](#), [124](#)

Protanopia
[125](#), [122](#), [121](#)

Deuteranopia
[134](#), [118](#), [123](#)



Tritanopia
119, 121, 132

Trichromacy



Original Color

117, 121, 124

Protanomaly

121, 123, 122

Deuteranomaly

128, 120, 123

Tritanomaly

118, 121, 128

Monochromacy



Original Color

117, 121, 124

Achromatopsia

122, 122, 122

Achromatomaly

120, 122, 123

CSS Examples

Text

The CSS property to change the color of the text to RYB 117, 121, 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(117, 124, 122) looks like.

```
.text, #text, p{  
    color:rgb(117, 124, 122)  
}
```

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(117, 124, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 124, 122) }
```

Border

The CSS property to change the border of an element to RYB 117, 121, 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(117, 124, 122) }
```

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

```
.border{ border-color:rgb(117, 124, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 124, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 124, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 124, 122);  
box-shadow:4px 4px 4px 4px rgb(117, 124,  
122) }
```

Background

The CSS property to change the background color of an element to RYB 117, 121, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 124, 122) }
```

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

```
.background{ background-color: rgb(117,  
124, 122) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor