

Converting Colors

`RYB(121, 117, 125)`

Have a look what the booklet for
RYB(121, 117, 125) contains.

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Color

R_YB(121, 117, 125)

Conversions

Conversions Part 1

Format	Color
Hex	79757D
RGB	121, 117, 125
RGB Percent	47%, 46%, 49%
CMY	0.5255, 0.5412, 0.5098
CMYK	0.03, 0.06, 0.00, 0.51
HSL	270°, 3%, 47%
HSV	270°, 6%, 49%
XYZ	17.9481, 18.2682, 21.9822
YIQ	119.1080, -0.1840, 3.3360

Conversions

Conversions Part 2

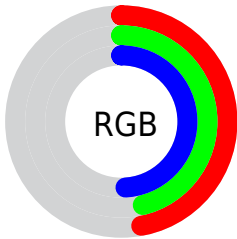
Format	Color
RYB	121, 117, 125
Decimal	7959933
CIELab	49.82, 3.15, -3.85
CIELCh	50, 4.971, 309.322
Yxy	18.2682, 0.3084, 0.3139
Android (android.graphics.Color)	4286150013 (0xFF79757D)
YUV	119.1080, 2.9048, 1.6593
Hunter-Lab	42.7413, 0.1592, -0.5744

Details

The RYB color **121, 117, 125** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **117, 125, 121**, and the grayscale version is **119, 119, 119**.

A 20% lighter version of the original color is **173, 169, 178**, and **73, 69, 76** is the 20% darker color. If you saturate the color by 10%, you get **115, 105, 125**, and if you desaturate by 10%, it is **125, 130, 128**.

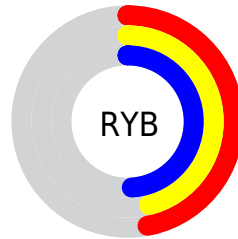
Distribution



Red (47%)

Green (46%)

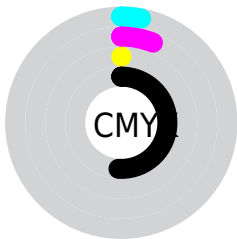
Blue (49%)



Red (47%)

Yellow (46%)

Blue (49%)

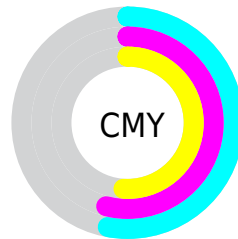


Cyan (3%)

Magenta (6%)

Yellow (0%)

Black (51%)



Cyan (53%)

Magenta (54%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 121, 117, 125 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, 117, 125 by changing the saturation by 10% instead.

■ 121, 117, 125

255, 255, 255

■ 173, 169, 178

■ 201, 196, 205

■ 229, 224, 233

■ 255, 253, 255

■ 121, 117, 125

■ 96, 92, 100

■ 73, 69, 76

■ 50, 47, 54

■ 29, 26, 32

■ 2, 0, 9

■ 0, 0, 0

■ 121, 117, 125

■ 115, 105, 125

■ 109, 92, 125

■ 121, 117, 125

■ 125, 130, 128

■ 125, 142, 133

102, 80, 125

125, 155, 140

96, 67, 125

125, 167, 146

90, 55, 125

125, 179, 152

83, 42, 125

125, 192, 158

77, 29, 125

125, 205, 165

71, 17, 125

125, 217, 171

65, 4, 125

125, 229, 177

Harmonies

Analogous

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



116, 118, 127



121, 117, 125



125, 116, 122

Triad

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



121, 117, 125



125, 122, 111



109, 115, 121

Complementary

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



121, 117, 125



117, 125, 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.



111, 118, 121



121, 117, 125



112, 121, 110

Square

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



121, 117, 125



127, 117, 113



112, 120, 116



109, 116, 124

Rectangle

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



121, 117, 125



127, 116, 119



112, 120, 116



109, 116, 121

Sweetspot

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



121, 117, 125



162, 160, 163



117, 120, 125



81, 80, 82



209, 209, 209



82, 82, 82

Same Dimension

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



121, 117, 125



157, 150, 163



125, 117, 125



61, 57, 64



64, 0, 128



0, 0, 0

Inverse Universe

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



125, 117, 121



163, 150, 157



117, 125, 125



64, 57, 61



128, 0, 64



0, 0, 0

Previews

White Background



This preview shows how the RYB color 121, 117, 125 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, 117, 125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

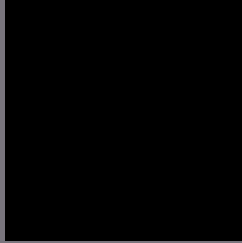
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

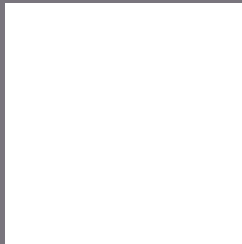
Any Text WCAG AAA × Fail

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

RYB 121, 117, 125 Background



This preview shows how black text looks on a background with the RYB color 121, 117, 125.



This preview shows how white text looks on a background with the RYB color 121, 117, 125.

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, 117, 125](#)

Protanopia
[119, 118, 125](#)

Deuteranopia
[127, 115, 125](#)



Tritanopia
121, 117, 126

Trichromacy



Original Color

121, 117, 125

Protanomaly

120, 118, 125

Deuteranomaly

125, 116, 125

Tritanomaly

121, 117, 126

Monochromacy



Original Color

121, 117, 125

Achromatopsia

119, 119, 119

Achromatomaly

120, 118, 121

CSS Examples

Text

The CSS property to change the color of the text to RYB 121, 117, 125 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, 117, 125) looks like.

```
.text, #text, p{  
    color:rgb(121, 117, 125)  
}
```

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, 117, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 117, 125) }
```

Border

The CSS property to change the border of an element to RYB 121, 117, 125 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, 117, 125) }
```

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

```
.border{ border-color:rgb(121, 117, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 117, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 117, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 117, 125);  
box-shadow:4px 4px 4px 4px rgb(121, 117,  
125) }
```

Background

The CSS property to change the background color of an element to RYB 121, 117, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 117, 125) }
```

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

```
.background{ background-color: rgb(121,  
117, 125) }
```

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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