

Converting Colors

`RYB(122, 122, 127)`

Have a look what the booklet for
RYB(122, 122, 127) contains.

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Color

R_YB(122, 122, 127)

Conversions

Conversions Part 1

Format	Color
Hex	7A7A7F
RGB	122, 122, 127
RGB Percent	48%, 48%, 50%
CMY	0.5216, 0.5216, 0.5020
CMYK	0.04, 0.04, 0.00, 0.50
HSL	240°, 2%, 49%
HSV	240°, 4%, 50%
XYZ	18.8163, 19.5889, 22.8680
YIQ	122.5700, -1.6050, 1.5550

Conversions

Conversions Part 2

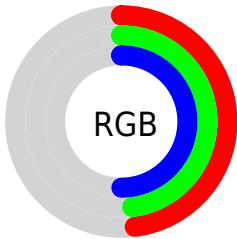
Format	Color
R_{YB}	122, 122, 127
Decimal	8026751
CIE Lab	51.37, 1.02, -2.73
CIE LCh	51, 2.915, 290.564
Yxy	19.5889, 0.3071, 0.3197
Android (android.graphics.Color)	4286216831 (0xFF7A7A7F)
YUV	122.5700, 2.1840, -0.4999
Hunter-Lab	44.2594, -1.5669, 0.3476

Details

The RYB color **122, 122, 127** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **122, 127, 122**, and the grayscale version is **123, 123, 123**.

A 20% lighter version of the original color is **174, 174, 180**, and **73, 73, 78** is the 20% darker color. If you saturate the color by 10%, you get **109, 109, 127**, and if you desaturate by 10%, it is **127, 135, 127**.

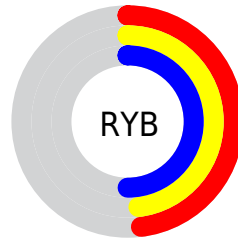
Distribution



Red (48%)

Green (48%)

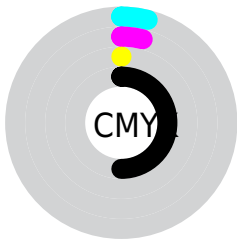
Blue (50%)



Red (48%)

Yellow (48%)

Blue (50%)

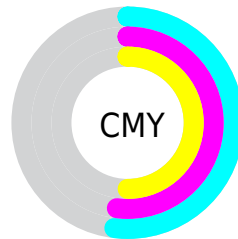


Cyan (4%)

Magenta (4%)

Yellow (0%)

Black (50%)



Cyan (52%)

Magenta (52%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 122, 122, 127 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, 122, 127 by changing the saturation by 10% instead.

■ 122, 122, 127

255, 255, 255

■ 174, 174, 180

■ 202, 202, 207

■ 230, 230, 235

■ 122, 122, 127

■ 97, 97, 102

■ 73, 73, 78

■ 51, 51, 55

■ 30, 30, 34

■ 5, 4, 12

■ 0, 0, 0

■ 122, 122, 127

■ 109, 109, 127

■ 97, 97, 127

■ 122, 122, 127

■ 127, 135, 127

■ 127, 147, 127

■ 84, 84, 127

■ 127, 160, 127

■ 71, 71, 127

■ 127, 173, 127

■ 59, 59, 127

■ 127, 186, 127

■ 46, 46, 127

■ 127, 198, 127

■ 33, 33, 127

■ 127, 211, 127

■ 20, 20, 127

■ 127, 224, 127

■ 8, 8, 127

■ 127, 236, 127

Harmonies

Analogous

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



119, 122, 127



122, 122, 127



125, 121, 126

Triad

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



122, 122, 127



127, 122, 119



117, 121, 124

Complementary

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



122, 122, 127



122, 127, 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.



119, 123, 122



122, 122, 127



123, 125, 118

Square

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



122, 122, 127



128, 121, 121



118, 123, 118



116, 120, 124

Rectangle

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



122, 122, 127



127, 121, 124



118, 123, 118



118, 122, 124

Sweetspot

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



122, 122, 127



164, 164, 166



122, 125, 127



83, 83, 84



212, 212, 212



84, 84, 84

Same Dimension

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



122, 122, 127



157, 157, 166



125, 122, 127



60, 60, 64



0, 0, 128



0, 0, 0

Inverse Universe

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



127, 122, 127



166, 157, 166



122, 127, 124



64, 60, 64



128, 0, 128



0, 0, 0

Previews

White Background



This preview shows how the RYB color 122, 122, 127 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 122, 122, 127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

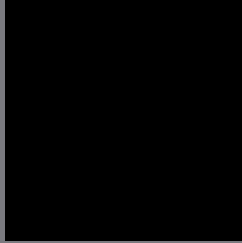
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

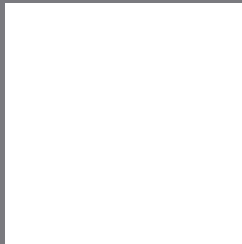
Any Text WCAG AAA × Fail

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

RYB 122, 122, 127 Background



This preview shows how black text looks on a background with the RYB color 122, 122, 127.



This preview shows how white text looks on a background with the RYB color 122, 122, 127.

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, 122, 127

Protanopia

123, 122, 127

Deuteranopia

132, 119, 128



Tritanopia
123, 121, 131

Trichromacy



Original Color

122, 122, 127

Protanomaly

123, 122, 127

Deuteranomaly

128, 120, 128

Tritanomaly

123, 121, 130

Monochromacy



Original Color

122, 122, 127

Achromatopsia

123, 123, 123

Achromatomaly

123, 123, 124

CSS Examples

Text

The CSS property to change the color of the text to RYB 122, 122, 127 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, 122, 127)` looks like.

```
.text, #text, p{  
    color:rgb(122, 122, 127)  
}
```

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, 122, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 122, 127) }
```

Border

The CSS property to change the border of an element to RYB 122, 122, 127 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, 122, 127) }
```

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

```
.border{ border-color:rgb(122, 122, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 122, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 122, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 122, 127);  
box-shadow:4px 4px 4px 4px rgb(122, 122,  
127) }
```

Background

The CSS property to change the background color of an element to RYB 122, 122, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 122, 127) }
```

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

```
.background{ background-color: rgb(122,  
122, 127) }
```

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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