Converting Colors

RYB(122, 128, 128)

Have a look what the booklet for RYB(122, 128, 128) contains.

Color

RYB(122, 128, 128)

Conversions

Format	Color
Hex	7A807A
RGB	122, 128, 122
RGB Percent	48%, 50%, 48%
CMY	0.5216, 0.4980, 0.5216
CMYK	0.05, 0.00, 0.05, 0.50
HSL	120°, 2%, 49%
HSV	120°, 5%, 50%
XYZ	19.2581, 20.9811, 21.4471
YIQ	125.5220, -1.6500, -3.1380

Conversions Part 1

Conversions

Conversions Part 2

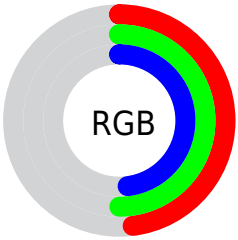
Format	Color
RYB	122, 128, 128
Decimal	8028282
CIELab	52.93, -3.44, 2.47
CIELCh	53, 4.234, 144.231
Yxy	20.9811, 0.3122, 0.3401
Android (android.graphics.Color)	4286218362 (0xFF7A807A)
YUV	125.5220, -1.7363, -3.0888
Hunter-Lab	45.8051, -5.1112, 4.3025

Details

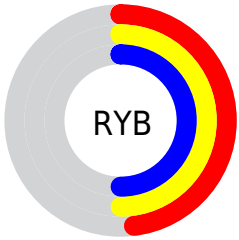
The RYB color 122, 128, 128 is a dark color, and the websafe version is hex 666666. A complement of this color would be 128, 122, 128, and the grayscale version is 126, 126, 126.

A 20% lighter version of the original color is 174, 181, 181, and 73, 79, 79 is the 20% darker color. If you saturate the color by 10%, you get 109, 128, 128, and if you desaturate by 10%, it is 135, 128, 135.

Distribution

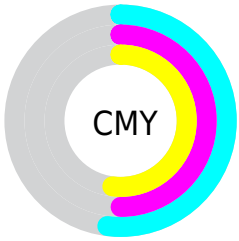


- Red (48%)
- Green (50%)
- Blue (48%)



- Red (48%)
- Yellow (50%)
- Blue (50%)

- Cyan (5%)
- Magenta (0%)
- Yellow (5%)
- Black (50%)



- Cyan (52%)
- Magenta (50%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 122, 128, 128 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, 128, 128 by changing the saturation by 10% instead.

122, 128, 128

255, 255, 255

174, 181, 181

202, 208, 208

230, 237, 237

122, 128, 128

97, 103, 103

73, 79, 79

51, 56, 56

30, 35, 35

5, 13, 13

0, 0, 0

122, 128, 128

109, 128, 128

96, 128, 128

122, 128, 128

135, 128, 135

148, 128, 148

84, 128, 128

71, 128, 128

58, 128, 128

45, 128, 128

32, 128, 128

20, 128, 128

7, 128, 128

160, 128, 160

173, 128, 173

186, 128, 186

199, 128, 199

212, 128, 212

224, 128, 224

237, 128, 237

Harmonies

Analogous

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

120, 127, 121

122, 128, 128

119, 125, 129

Triad

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

122, 128, 128

122, 125, 133

134, 124, 123

Complementary

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

122, 128, 128

128, 122, 128

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.

133, 124, 127

122, 128, 128

126, 126, 133

Square

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

122, 128, 128

119, 124, 132

131, 125, 131

133, 127, 121

Rectangle

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

122, 128, 128

118, 124, 129

131, 125, 131

134, 124, 125

Sweetspot

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

122, 128, 128

164, 166, 166

122, 128, 122

83, 84, 84

212, 212, 212

84, 84, 84

Same Dimension

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

122, 128, 128

156, 166, 166

122, 126, 128

59, 64, 64

0, 128, 128

0, 0, 0

Inverse Universe

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

128, 122, 128

166, 156, 166

128, 122, 125

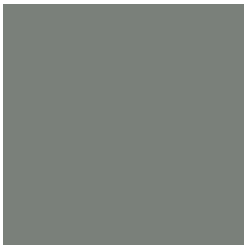
64, 59, 64

128, 0, 128

0, 0, 0

Previews

White Background

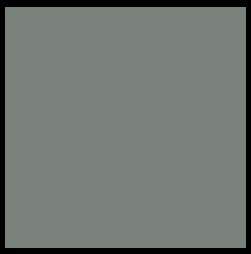


This preview shows how the RYB color 122, 128, 128 looks on a white background.

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



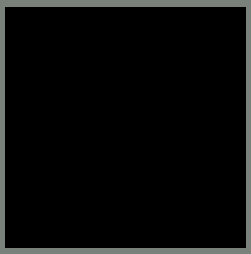
This preview shows how the RYB color 122, 128, 128 looks on a black background.

Color Contrast Check

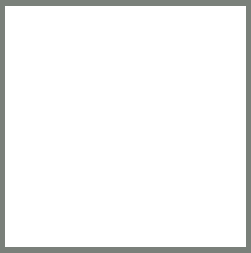
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RYB 122, 128, 128 Background



This preview shows how black text looks on a background with the RYB color 122, 128, 128.



This preview shows how white text looks on a background with the RYB color 122, 128, 128.

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

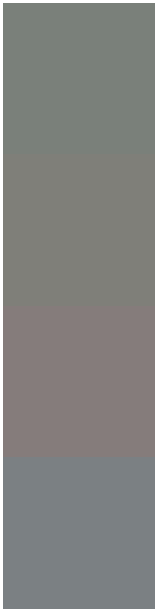
Original Color
122, 128, 128

Protanopia
128, 130, 121

Deuteranopia
140, 122, 123

Tritanopia
124, 126, 136

Trichromacy



Original Color
122, 128, 128

Protanomaly
121, 127, 121

Deuteranomaly
133, 124, 123

Tritanomaly
123, 126, 131

Monochromacy

Original Color
122, 128, 128

Achromatopsia
126, 126, 126

Achromatomaly
125, 127, 127

CSS Examples

Text

The CSS property to change the color of the text to RYB 122, 128, 128 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, 128, 122) looks like.

```
.text, #text, p{
    color:rgb(122, 128, 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(122, 128, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 128, 122) }
```

Border

The CSS property to change the border of an element to RYB 122, 128, 128 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, 128, 122) }
```

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

```
.border{ border-color:rgb(122, 128, 122) }
```

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

Here you see how a box with a 4 pixel rgb(122, 128, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 128, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 128, 122); box-shadow:4px 4px 4px 4px rgb(122, 128, 122) }
```

Background

The CSS property to change the background color of an element to RYB 122, 128, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(122, 128, 122) }
```

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

```
.background{ background-color:rgb(122,
128, 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.

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