

Converting Colors

`RYB(111, 137, 128)`

Have a look what the booklet for
RYB(111, 137, 128) contains.

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Color

`RYB(111, 137, 128)`

Conversions

Conversions Part 1

Format	Color
Hex	78896F
RGB	120, 137, 111
RGB Percent	47%, 54%, 44%
CMY	0.5294, 0.4627, 0.5647
CMYK	0.12, 0.00, 0.19, 0.46
HSL	99°, 10%, 49%
HSV	99°, 19%, 54%
XYZ	19.5606, 23.0321, 18.4536
YIQ	128.9530, -1.7860, -11.6900

Conversions

Conversions Part 2

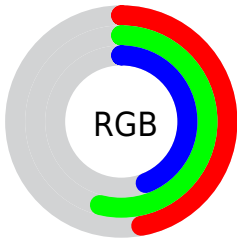
Format	Color
RYB	111, 137, 128
Decimal	7899503
CIELab	55.11, -11.29, 11.92
CIElCh	55, 16.413, 133.450
Yxy	23.0321, 0.3204, 0.3773
Android (android.graphics.Color)	4286089583 (0xFF78896F)
YUV	128.9530, -8.8508, -7.8518
Hunter-Lab	47.9918, -11.2320, 10.7963

Details

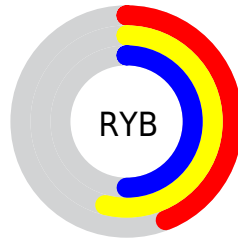
The RYB color **111, 137, 128** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **128, 111, 137**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **163, 190, 181**, and **63, 87, 79** is the 20% darker color. If you saturate the color by 10%, you get **97, 137, 123**, and if you desaturate by 10%, it is **125, 137, 133**.

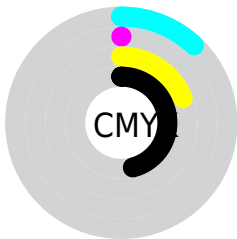
Distribution



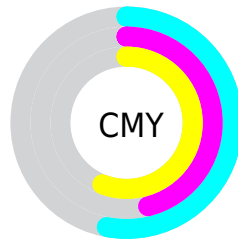
- Red (47%)
- Green (54%)
- Blue (44%)



- Red (44%)
- Yellow (54%)
- Blue (50%)



- Cyan (12%)
- Magenta (0%)
- Yellow (19%)
- Black (46%)



- Cyan (53%)
- Magenta (46%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 111, 137, 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 111, 137, 128 by changing the saturation by 10% instead.

■ 111, 137, 128

255, 255, 255

■ 163, 190, 181

■ 190, 218, 208

■ 218, 247, 237

■ 246, 255, 246

■ 111, 137, 128

■ 87, 112, 104

■ 63, 87, 79

■ 41, 64, 56

■ 21, 42, 36

■ 0, 22, 22

■ 0, 0, 0

■ 111, 137, 128

■ 97, 137, 123

■ 84, 137, 119

■ 111, 137, 128

■ 125, 137, 133

■ 138, 137, 138

■ 70, 137, 114

■ 147, 137, 152

■ 56, 137, 109

■ 156, 137, 166

■ 43, 137, 105

■ 165, 137, 179

■ 29, 137, 100

■ 174, 137, 193

■ 15, 137, 95

■ 183, 137, 207

■ 1, 137, 90

■ 192, 137, 221

■ 0, 137, 90

■ 201, 137, 234

Harmonies

Analogous

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



107, 136, 104



111, 137, 128



105, 127, 139

Triad

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



111, 137, 128



106, 125, 159



161, 122, 126

Complementary

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



111, 137, 128



128, 111, 137

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.



156, 123, 140



111, 137, 128



124, 130, 159

Square

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



111, 137, 128



94, 119, 151



142, 126, 153



159, 127, 113

Rectangle

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



111, 137, 128



97, 120, 140



142, 126, 153



160, 122, 131

Sweetspot

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



111, 137, 128



168, 179, 176



125, 137, 111



83, 89, 87



217, 217, 217



89, 89, 89

Same Dimension

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



111, 137, 128



137, 179, 164



111, 134, 137



62, 69, 67



0, 133, 87



0, 5, 3

Inverse Universe

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



128, 111, 137



164, 137, 179



137, 111, 133



66, 62, 69



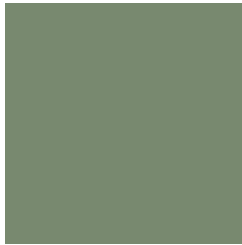
87, 0, 133



3, 0, 5

Previews

White Background



This preview shows how the RYB color 111, 137, 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 111, 137, 128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

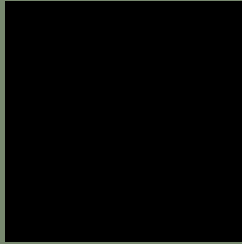
Any Text WCAG AA ✓ Pass

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 111, 137, 128 Background



This preview shows how black text looks on a background with the RYB color 111, 137, 128.



This preview shows how white text looks on a background with the RYB color 111, 137, 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](#).

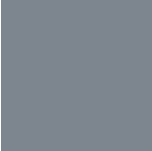
Dichromacy



Original Color
[111](#), [137](#), [128](#)

Protanopia
[119](#), [139](#), [108](#)

Deuteranopia
[151](#), [135](#), [113](#)



Tritanopia
125, 131, 143

Trichromacy



Original Color
111, 137, 128

Protanomaly
109, 133, 110

Deuteranomaly
125, 140, 112

Tritanomaly
123, 129, 134

Monochromacy



Original Color
111, 137, 128

Achromatopsia
129, 129, 129

Achromatomaly
122, 132, 128

CSS Examples

Text

The CSS property to change the color of the text to RYB 111, 137, 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(120, 137, 111)` looks like.

```
.text, #text, p{  
    color:rgb(120, 137, 111)  
}
```

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(120, 137, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 137, 111) }
```

Border

The CSS property to change the border of an element to RYB 111, 137, 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(120, 137, 111) }
```

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

```
.border{ border-color:rgb(120, 137, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 137, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 137, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 137, 111);  
box-shadow:4px 4px 4px 4px rgb(120, 137,  
111) }
```

Background

The CSS property to change the background color of an element to RYB 111, 137, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 137, 111) }
```

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

```
.background{ background-color: rgb(120,  
137, 111) }
```

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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