

Converting Colors

`RYB(111, 137, 121)`

Have a look what the booklet for
RYB(111, 137, 121) contains.

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Color

R_{YB}(111, 137, 121)

Conversions

Conversions Part 1

Format	Color
Hex	7F896F
RGB	127, 137, 111
RGB Percent	50%, 54%, 44%
CMY	0.5020, 0.4627, 0.5647
CMYK	0.07, 0.00, 0.19, 0.46
HSL	83°, 10%, 49%
HSV	83°, 19%, 54%
XYZ	20.5673, 23.5510, 18.5007
YIQ	131.0460, 2.3860, -10.2060

Conversions

Conversions Part 2

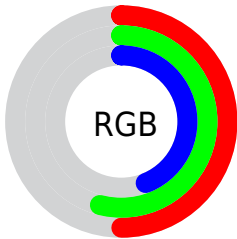
Format	Color
R_{YB}	111, 137, 121
Decimal	8358255
CIE _{Lab}	55.64, -8.59, 12.73
CIE _{LCh}	56, 15.363, 124.009
Yxy	23.5510, 0.3285, 0.3761
Android (android.graphics.Color)	4286548335 (0xFF7F896F)
YUV	131.0460, -9.8827, -3.5483
Hunter-Lab	48.5294, -9.2762, 11.3676

Details

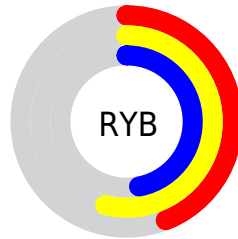
The RYB color **111, 137, 121** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **121, 111, 137**, and the grayscale version is **131, 131, 131**.

A 20% lighter version of the original color is **163, 190, 173**, and **63, 87, 72** is the 20% darker color. If you saturate the color by 10%, you get **97, 137, 112**, and if you desaturate by 10%, it is **125, 137, 130**.

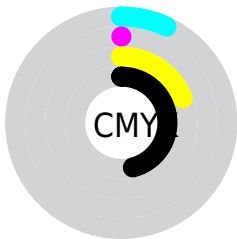
Distribution



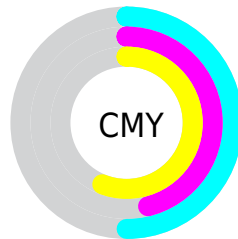
- Red (50%)
- Green (54%)
- Blue (44%)



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



- Cyan (7%)
- Magenta (0%)
- Yellow (19%)
- Black (46%)



- Cyan (50%)
- Magenta (46%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 111, 137, 121 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, 121 by changing the saturation by 10% instead.

■ 111, 137, 121

255, 255, 255

■ 163, 190, 173

■ 190, 218, 201

■ 218, 247, 229

■ 246, 255, 246

■ 111, 137, 121

■ 87, 112, 97

■ 63, 87, 72

■ 41, 64, 50

■ 21, 42, 30

■ 0, 22, 13

■ 0, 0, 0

■ 111, 137, 121

■ 97, 137, 112

■ 84, 137, 105

■ 111, 137, 121

■ 125, 137, 130

■ 138, 137, 138

■ 70, 137, 96

■ 143, 137, 152

■ 56, 137, 87

■ 148, 137, 166

■ 43, 137, 79

■ 153, 137, 179

■ 29, 137, 71

■ 159, 137, 193

■ 15, 137, 62

■ 164, 137, 207

■ 1, 137, 53

■ 169, 137, 221

■ 0, 137, 53

■ 174, 137, 234

Harmonies

Analogous

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



119, 142, 107



111, 137, 121



112, 133, 140

Triad

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



111, 137, 121



105, 125, 157



160, 124, 132

Complementary

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



111, 137, 121



121, 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.



152, 126, 145



111, 137, 121



120, 130, 160

Square

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



111, 137, 121



97, 120, 148



138, 129, 155



160, 126, 119

Rectangle

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



111, 137, 121



104, 126, 141



138, 129, 155



158, 124, 136

Sweetspot

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



111, 137, 121



168, 179, 173



137, 127, 111



83, 89, 85



217, 217, 217



89, 89, 89

Same Dimension

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



111, 137, 121



137, 179, 153



111, 137, 134



62, 69, 65



0, 133, 51



0, 5, 2

Inverse Universe

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



121, 111, 137



153, 137, 179



134, 111, 137



65, 62, 69



51, 0, 133



2, 0, 5

Previews

White Background



This preview shows how the RYB color 111, 137, 121 looks on a white background.

Color Contrast Check

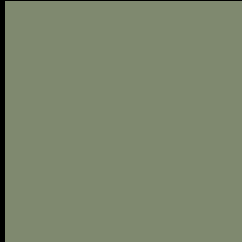
Large Text (above 18pt) WCAG AA ✓ Pass

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, 121 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, 121 Background



This preview shows how black text looks on a background with the RYB color 111, 137, 121.



This preview shows how white text looks on a background with the RYB color 111, 137, 121.

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, 121

Protanopia

120, 141, 109

Deuteranopia

153, 137, 113



Tritanopia

132, 133, 143

Trichromacy



Original Color

111, 137, 121

Protanomaly

112, 136, 110

Deuteranomaly

134, 144, 112

Tritanomaly

130, 133, 134

Monochromacy



Original Color

111, 137, 121

Achromatopsia

131, 131, 131

Achromatomaly

124, 133, 127

CSS Examples

Text

The CSS property to change the color of the text to RYB 111, 137, 121 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(127, 137, 111)` looks like.

```
.text, #text, p{  
    color:rgb(127, 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(127, 137, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 137, 111) }
```

Border

The CSS property to change the border of an element to RYB 111, 137, 121 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(127, 137, 111) }
```

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

```
.border{ border-color:rgb(127, 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(127, 137, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 137, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 137, 111);  
box-shadow:4px 4px 4px 4px rgb(127, 137,  
111) }
```

Background

The CSS property to change the background color of an element to RYB 111, 137, 121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 137, 111) }
```

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

```
.background{ background-color: rgb(127,  
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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