

Converting Colors

`RYB(121, 141, 133)`

Have a look what the booklet for
RYB(121, 141, 133) contains.

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Color

R_YB(121, 141, 133)

Conversions

Conversions Part 1

Format	Color
Hex	818D79
RGB	129, 141, 121
RGB Percent	51%, 55%, 47%
CMY	0.4941, 0.4471, 0.5255
CMYK	0.09, 0.00, 0.14, 0.45
HSL	96°, 8%, 51%
HSV	96°, 14%, 55%
XYZ	22.0293, 25.0974, 21.7724
YIQ	135.1320, -0.7320, -8.7640

Conversions

Conversions Part 2

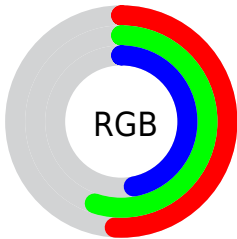
Format	Color
RYB	121, 141, 133
Decimal	8490361
CIELab	57.17, -8.26, 9.20
CIELCh	57, 12.364, 131.901
Yxy	25.0974, 0.3197, 0.3643
Android (android.graphics.Color)	4286680441 (0xFF818D79)
YUV	135.1320, -6.9671, -5.3778
Hunter-Lab	50.0973, -9.1782, 9.3005

Details

The RYB color **121, 141, 133** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **133, 121, 141**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **173, 195, 186**, and **72, 91, 83** is the 20% darker color. If you saturate the color by 10%, you get **107, 141, 127**, and if you desaturate by 10%, it is **135, 141, 139**.

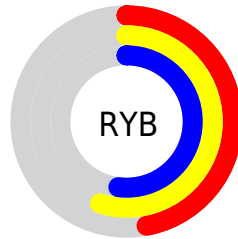
Distribution



Red (51%)

Green (55%)

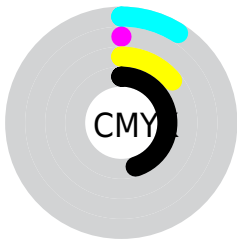
Blue (47%)



Red (47%)

Yellow (55%)

Blue (52%)

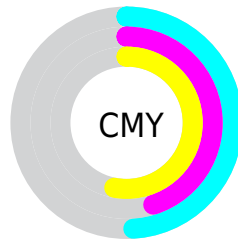


Cyan (9%)

Magenta (0%)

Yellow (14%)

Black (45%)



Cyan (49%)

Magenta (45%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 121, 141, 133 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, 141, 133 by changing the saturation by 10% instead.

■ 121, 141, 133

255, 255, 255

■ 173, 195, 186

■ 201, 223, 214

■ 229, 251, 242

■ 121, 141, 133

■ 96, 115, 107

■ 72, 91, 83

■ 50, 67, 60

■ 29, 45, 39

■ 3, 25, 13

■ 0, 0, 0

■ 121, 141, 133

■ 107, 141, 127

■ 93, 141, 122

■ 121, 141, 133

■ 135, 141, 139

■ 146, 141, 149

■ 79, 141, 116

■ 154, 141, 163

■ 65, 141, 111

■ 163, 141, 177

■ 50, 141, 104

■ 171, 141, 191

■ 36, 141, 99

■ 180, 141, 206

■ 22, 141, 93

■ 188, 141, 220

■ 8, 141, 88

■ 197, 141, 234

■ 0, 141, 85

■ 205, 141, 248

Harmonies

Analogous

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



119, 141, 116



121, 141, 133



118, 135, 143

Triad

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



121, 141, 133



118, 132, 157



160, 130, 133

Complementary

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



121, 141, 133



133, 121, 141

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.



155, 131, 144



121, 141, 133



131, 136, 158

Square

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



121, 141, 133



110, 128, 151



145, 133, 153



159, 133, 123

Rectangle

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



121, 141, 133



112, 130, 144



145, 133, 153



159, 130, 137

Sweetspot

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



121, 141, 133



176, 184, 181



134, 141, 121



87, 92, 90



219, 219, 219



92, 92, 92

Same Dimension

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



121, 141, 133



152, 184, 171



121, 139, 141



64, 71, 68



0, 135, 81



0, 8, 5

Inverse Universe

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



133, 121, 141



171, 152, 184



141, 121, 139



69, 64, 71



81, 0, 135



5, 0, 8

Previews

White Background



This preview shows how the RYB color 121, 141, 133 looks on a white background.

Color Contrast Check

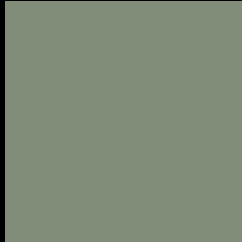
Large Text (above 18pt) WCAG AA ✓ Pass

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 121, 141, 133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

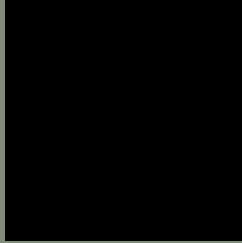
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

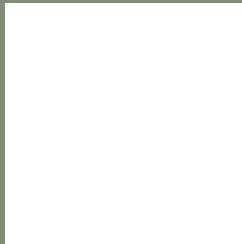
Any Text WCAG AAA × Fail

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

RVB 121, 141, 133 Background



This preview shows how black text looks on a background with the RYB color 121, 141, 133.



This preview shows how white text looks on a background with the RYB color 121, 141, 133.

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](#).

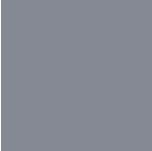
Dichromacy



Original Color
121, 141, 133

Protanopia
129, 144, 119

Deuteranopia
155, 136, 123



Tritanopia
133, 136, 148

Trichromacy



Original Color

121, 141, 133

Protanomaly

121, 139, 120

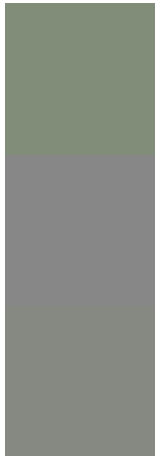
Deuteranomaly

142, 146, 122

Tritanomaly

132, 135, 138

Monochromacy



Original Color

121, 141, 133

Achromatopsia

135, 135, 135

Achromatomaly

130, 137, 134

CSS Examples

Text

The CSS property to change the color of the text to RYB 121, 141, 133 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(129, 141, 121)` looks like.

```
.text, #text, p{  
    color:rgb(129, 141, 121)  
}
```

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(129, 141, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 141, 121) }
```

Border

The CSS property to change the border of an element to RYB 121, 141, 133 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(129, 141, 121) }
```

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

```
.border{ border-color:rgb(129, 141, 121) }
```

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

Here you see how a box with a 4 pixel rgb(129, 141, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 141, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 141, 121);  
box-shadow:4px 4px 4px 4px rgb(129, 141,  
121) }
```

Background

The CSS property to change the background color of an element to RYB 121, 141, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 141, 121) }
```

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

```
.background{ background-color: rgb(129,  
141, 121) }
```

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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