

Converting Colors

`RYB(133, 146, 138)`

Have a look what the booklet for
RYB(133, 146, 138) contains.

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Color

R_YB(133, 146, 138)

Conversions

Conversions Part 1

Format	Color
Hex	8D9285
RGB	141, 146, 133
RGB Percent	55%, 57%, 52%
CMY	0.4471, 0.4275, 0.4784
CMYK	0.03, 0.00, 0.09, 0.43
HSL	83°, 6%, 55%
HSV	83°, 9%, 57%
XYZ	25.4970, 27.9139, 26.2344
YIQ	143.0230, 1.1930, -5.1030

Conversions

Conversions Part 2

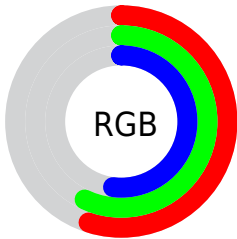
Format	Color
RYB	133, 146, 138
Decimal	9278085
CIELab	59.81, -4.30, 6.26
CIElCh	60, 7.594, 124.516
Yxy	27.9139, 0.3201, 0.3505
Android (android.graphics.Color)	4287468165 (0xFF8D9285)
YUV	143.0230, -4.9413, -1.7742
Hunter-Lab	52.8336, -6.3164, 7.5433

Details

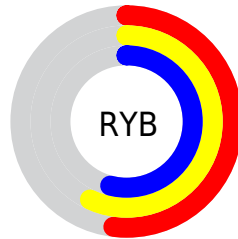
The RYB color **133, 146, 138** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **138, 133, 146**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **186, 200, 191**, and **84, 96, 89** is the 20% darker color. If you saturate the color by 10%, you get **118, 146, 129**, and if you desaturate by 10%, it is **147, 146, 148**.

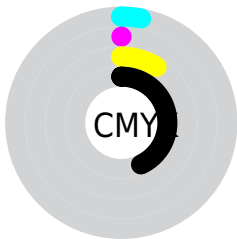
Distribution



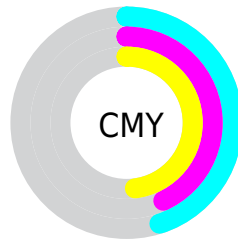
- Red (55%)
- Green (57%)
- Blue (52%)



- Red (52%)
- Yellow (57%)
- Blue (54%)



- Cyan (3%)
- Magenta (0%)
- Yellow (9%)
- Black (43%)



- Cyan (45%)
- Magenta (43%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 133, 146, 138 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 133, 146, 138 by changing the saturation by 10% instead.


 133, 146, 138

255, 255, 255

 186, 200, 191

 214, 228, 219

 242, 255, 246

 133, 146, 138

 108, 120, 113

 84, 96, 89

 60, 72, 65


 39, 49, 43

 18, 29, 22

 0, 0, 0


 133, 146, 138

 118, 146, 129

 104, 146, 120

 133, 146, 138

 147, 146, 148

 152, 146, 162

■ 89, 146, 111

■ 158, 146, 177

■ 75, 146, 102

■ 163, 146, 191

■ 60, 146, 93

■ 169, 146, 206

■ 45, 146, 84

■ 175, 146, 221

■ 31, 146, 75

■ 180, 146, 235

■ 16, 146, 66

■ 186, 146, 250

■ 2, 146, 58

■ 192, 146, 255

Harmonies

Analogous

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



138, 149, 131



133, 146, 138



134, 145, 148

Triad

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



133, 146, 138



131, 140, 156



158, 140, 143

Complementary

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



133, 146, 138



138, 133, 146

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.



154, 140, 150



133, 146, 138



138, 143, 157

Square

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



133, 146, 138



128, 139, 151



147, 142, 155



158, 141, 137

Rectangle

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



133, 146, 138



130, 140, 148



147, 142, 155



157, 140, 146

Sweetspot

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



133, 146, 138



183, 189, 185



146, 141, 133



91, 94, 92



222, 222, 222



94, 94, 94

Same Dimension

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



133, 146, 138



168, 189, 176



133, 146, 144



67, 74, 70



0, 138, 53



0, 10, 4

Inverse Universe

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



138, 133, 146



176, 168, 189



144, 133, 146



69, 67, 74



53, 0, 138



4, 0, 10

Previews

White Background



This preview shows how the RYB color 133, 146, 138 looks on a white background.

Color Contrast Check

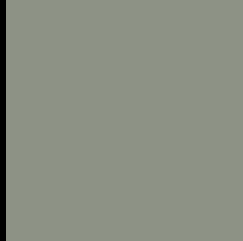
Large Text (above 18pt) WCAG AA ✓ Pass

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 133, 146, 138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

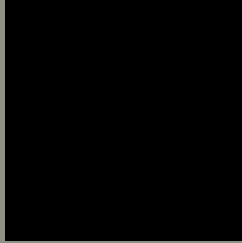
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

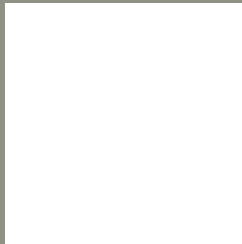
Any Text WCAG AAA × Fail

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

RYB 133, 146, 138 Background



This preview shows how black text looks on a background with the RYB color 133, 146, 138.



This preview shows how white text looks on a background with the RYB color 133, 146, 138.

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
133, 146, 138

Protanopia
141, 149, 132

Deuteranopia
161, 140, 134



Tritanopia

144, 143, 154

Trichromacy



Original Color

133, 146, 138

Protanomaly

134, 146, 132

Deuteranomaly

154, 147, 134

Tritanomaly

143, 144, 146

Monochromacy



Original Color

133, 146, 138

Achromatopsia

143, 143, 143

Achromatomaly

139, 144, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 133, 146, 138 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(141, 146, 133) looks like.

```
.text, #text, p{  
    color:rgb(141, 146, 133)  
}
```

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(141, 146, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 146, 133) }
```

Border

The CSS property to change the border of an element to RYB 133, 146, 138 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(141, 146, 133) }
```

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

```
.border{ border-color:rgb(141, 146, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 146, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 146, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 146, 133);  
box-shadow:4px 4px 4px 4px rgb(141, 146,  
133) }
```

Background

The CSS property to change the background color of an element to RYB 133, 146, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 146, 133) }
```

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

```
.background{ background-color: rgb(141,  
146, 133) }
```

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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