

Converting Colors

`RYB(135, 146, 140)`

Have a look what the booklet for
RYB(135, 146, 140) contains.

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Color

R_YB(135, 146, 140)

Conversions

Conversions Part 1

Format	Color
Hex	8D9287
RGB	141, 146, 135
RGB Percent	55%, 57%, 53%
CMY	0.4471, 0.4275, 0.4706
CMYK	0.03, 0.00, 0.08, 0.43
HSL	87°, 5%, 55%
HSV	87°, 8%, 57%
XYZ	25.6366, 27.9698, 26.9692
YIQ	143.2510, 0.5510, -4.4810

Conversions

Conversions Part 2

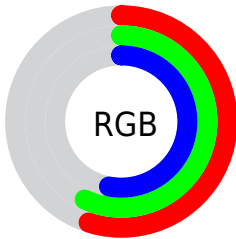
Format	Color
RYB	135, 146, 140
Decimal	9278087
CIELab	59.86, -3.93, 5.19
CIELCh	60, 6.514, 127.143
Yxy	27.9698, 0.3182, 0.3471
Android (android.graphics.Color)	4287468167 (0xFF8D9287)
YUV	143.2510, -4.0677, -1.9741
Hunter-Lab	52.8864, -6.0239, 6.7859

Details

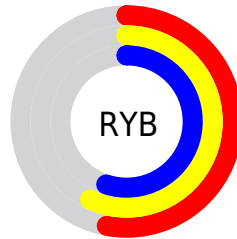
The RYB color **135, 146, 140** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **140, 135, 146**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **188, 200, 193**, and **85, 96, 90** is the 20% darker color. If you saturate the color by 10%, you get **120, 146, 132**, and if you desaturate by 10%, it is **148, 146, 150**.

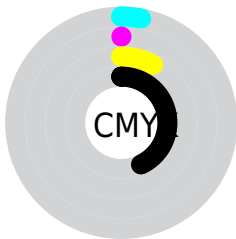
Distribution



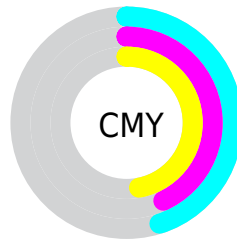
- Red (55%)
- Green (57%)
- Blue (53%)



- Red (53%)
- Yellow (57%)
- Blue (55%)



- Cyan (3%)
- Magenta (0%)
- Yellow (8%)
- Black (43%)



- Cyan (45%)
- Magenta (43%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 135, 146, 140 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 135, 146, 140 by changing the saturation by 10% instead.

 135, 146, 140


255, 255, 255

 188, 200, 193

 216, 228, 221

 244, 255, 248

 135, 146, 140

 110, 120, 115

 85, 96, 90

 62, 72, 67

 40, 49, 44

 20, 29, 24

 0, 0, 0


 135, 146, 140

 120, 146, 132

 106, 146, 124

 135, 146, 140

 148, 146, 150

 154, 146, 164

■ 91, 146, 116

■ 161, 146, 179

■ 77, 146, 109

■ 168, 146, 193

■ 62, 146, 100

■ 174, 146, 208

■ 47, 146, 92

■ 181, 146, 223

■ 33, 146, 84

■ 187, 146, 237

■ 18, 146, 76

■ 194, 146, 252

■ 4, 146, 69

■ 201, 146, 255

Harmonies

Analogous

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



138, 148, 133



135, 146, 140



135, 143, 147

Triad

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



135, 146, 140



134, 142, 155



156, 140, 143

Complementary

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



135, 146, 140



140, 135, 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.



153, 141, 149



135, 146, 140



140, 143, 155

Square

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



135, 146, 140



131, 140, 151



147, 142, 153



156, 142, 138

Rectangle

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



135, 146, 140



132, 141, 148



147, 142, 153



156, 140, 145

Sweetspot

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



135, 146, 140



185, 189, 187



146, 144, 135



92, 94, 93



222, 222, 222



94, 94, 94

Same Dimension

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



135, 146, 140



172, 189, 180



135, 146, 145



67, 74, 70



0, 138, 63



0, 10, 4

Inverse Universe

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



140, 135, 146



179, 172, 189



145, 135, 146



70, 67, 74



63, 0, 138



5, 0, 10

Previews

White Background



This preview shows how the RYB color 135, 146, 140 looks on a white background.

Color Contrast Check

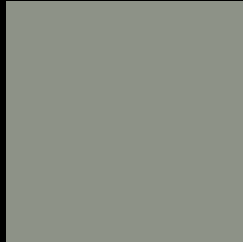
Large Text (above 18pt) WCAG AA ✓ Pass

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 135, 146, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

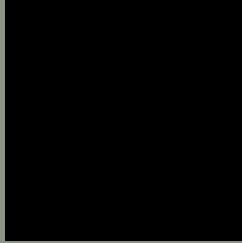
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

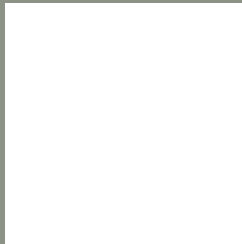
Any Text WCAG AAA × Fail

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

RYB 135, 146, 140 Background



This preview shows how black text looks on a background with the RYB color 135, 146, 140.



This preview shows how white text looks on a background with the RYB color 135, 146, 140.

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


135, 146, 140

Protanopia

142, 149, 134

Deuteranopia

161, 139, 136



Tritanopia

144, 143, 154

Trichromacy



Original Color

135, 146, 140

Protanomaly

135, 146, 134

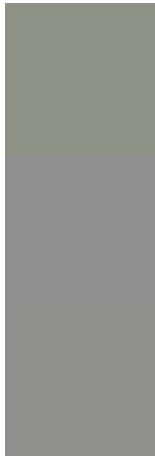
Deuteranomaly

154, 145, 136

Tritanomaly

143, 144, 147

Monochromacy



Original Color

135, 146, 140

Achromatopsia

143, 143, 143

Achromatomaly

140, 144, 142

CSS Examples

Text

The CSS property to change the color of the text to RYB 135, 146, 140 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, 135)` looks like.

```
.text, #text, p{  
    color:rgb(141, 146, 135)  
}
```

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, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 146, 135) }
```

Border

The CSS property to change the border of an element to RYB 135, 146, 140 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, 135) }
```

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

```
.border{ border-color:rgb(141, 146, 135) }
```

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, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 146, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 146, 135);  
box-shadow:4px 4px 4px 4px rgb(141, 146,  
135) }
```

Background

The CSS property to change the background color of an element to RYB 135, 146, 140 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, 135) }
```

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

```
.background{ background-color: rgb(141,  
146, 135) }
```

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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