

Converting Colors

`RYB(135, 126, 142)`

Have a look what the booklet for
RYB(135, 126, 142) contains.

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Color

R_YB(135, 126, 142)

Conversions

Conversions Part 1

Format	Color
Hex	877E8E
RGB	135, 126, 142
RGB Percent	53%, 49%, 56%
CMY	0.4706, 0.5059, 0.4431
CMYK	0.05, 0.11, 0.00, 0.44
HSL	274°, 7%, 53%
HSV	274°, 11%, 56%
XYZ	22.3350, 22.0256, 28.6654
YIQ	130.5150, 0.2280, 6.8840

Conversions

Conversions Part 2

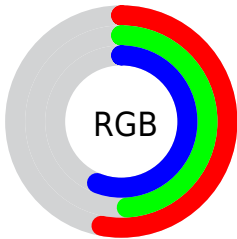
Format	Color
R_{YB}	135, 126, 142
Decimal	8879758
CIE _{Lab}	54.05, 6.59, -7.40
CIE _{LCh}	54, 9.907, 311.679
Yxy	22.0256, 0.3059, 0.3016
Android (android.graphics.Color)	4287069838 (0xFF877E8E)
YUV	130.5150, 5.6621, 3.9333
Hunter-Lab	46.9314, 2.8194, -3.3619

Details

The RYB color **135, 126, 142** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **126, 142, 135**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **188, 179, 196**, and **85, 77, 92** is the 20% darker color. If you saturate the color by 10%, you get **129, 112, 142**, and if you desaturate by 10%, it is **141, 140, 142**.

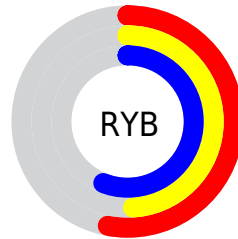
Distribution



Red (53%)

Green (49%)

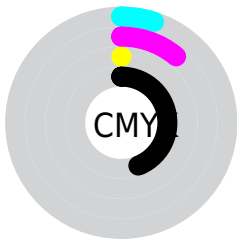
Blue (56%)



Red (53%)

Yellow (49%)

Blue (56%)

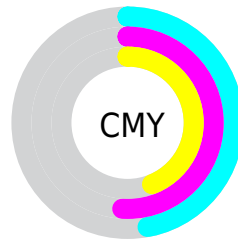


Cyan (5%)

Magenta (11%)

Yellow (0%)

Black (44%)



Cyan (47%)

Magenta (51%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 135, 126, 142 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, 126, 142 by changing the saturation by 10% instead.

■ 135, 126, 142

255, 255, 255

■ 188, 179, 196

■ 216, 206, 224

■ 244, 234, 252

■ 135, 126, 142

■ 110, 101, 116

■ 85, 77, 92

■ 62, 54, 68

■ 40, 33, 46

■ 20, 10, 26

■ 0, 0, 0

■ 135, 126, 142

■ 129, 112, 142

■ 123, 98, 142

■ 135, 126, 142

■ 141, 140, 142

■ 142, 154, 149

■ 116, 83, 142

■ 142, 169, 157

■ 110, 69, 142

■ 142, 183, 165

■ 104, 55, 142

■ 142, 197, 173

■ 98, 41, 142

■ 142, 211, 181

■ 92, 27, 142

■ 142, 225, 189

■ 85, 12, 142

■ 142, 240, 197

■ 80, 0, 142

■ 142, 254, 205

Harmonies

Analogous

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



124, 128, 146



135, 126, 142



143, 124, 135

Triad

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



135, 126, 142



141, 141, 113



108, 122, 134

Complementary

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



135, 126, 142



126, 142, 135

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.



114, 127, 134



135, 126, 142



117, 133, 113

Square

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



135, 126, 142



147, 127, 118



116, 132, 125



108, 122, 140

Rectangle

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



135, 126, 142



147, 123, 129



116, 132, 125



110, 123, 134

Sweetspot

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



135, 126, 142



181, 178, 184



126, 131, 142



90, 88, 92



219, 219, 219



92, 92, 92

Same Dimension

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



135, 126, 142



172, 158, 184



142, 126, 141



68, 64, 71



76, 0, 135



4, 0, 8

Inverse Universe

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



142, 126, 133



184, 158, 169



126, 141, 142



71, 64, 67



135, 0, 59



8, 0, 3

Previews

White Background



This preview shows how the RYB color 135, 126, 142 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, 126, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

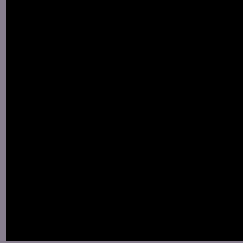
Any Text WCAG AA ✓ Pass

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, 126, 142 Background



This preview shows how black text looks on a background with the RYB color 135, 126, 142.



This preview shows how white text looks on a background with the RYB color 135, 126, 142.

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](#), [126](#), [142](#)

Protanopia
[127](#), [128](#), [143](#)

Deuteranopia
[136](#), [126](#), [142](#)



Tritanopia
134, 127, 137

Trichromacy



Original Color

135, 126, 142

Protanomaly

130, 127, 143

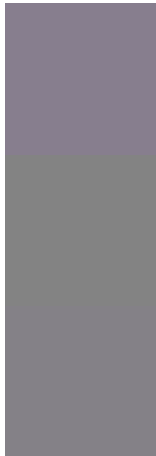
Deuteranomaly

136, 126, 142

Tritanomaly

134, 127, 139

Monochromacy



Original Color

135, 126, 142

Achromatopsia

131, 131, 131

Achromatomaly

132, 129, 135

CSS Examples

Text

The CSS property to change the color of the text to RYB 135, 126, 142 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(135, 126, 142) looks like.

```
.text, #text, p{  
    color:rgb(135, 126, 142)  
}
```

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(135, 126, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 126, 142) }
```

Border

The CSS property to change the border of an element to RYB 135, 126, 142 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(135, 126, 142) }
```

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

```
.border{ border-color:rgb(135, 126, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 126, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 126, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 126, 142);  
box-shadow:4px 4px 4px 4px rgb(135, 126,  
142) }
```

Background

The CSS property to change the background color of an element to RYB 135, 126, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 126, 142) }
```

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

```
.background{ background-color: rgb(135,  
126, 142) }
```

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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