

Converting Colors

`RYB(126, 137, 149)`

Have a look what the booklet for
RYB(126, 137, 149) contains.

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Color

R_YB(126, 137, 149)

Conversions

Conversions Part 1

Format	Color
Hex	7E9395
RGB	126, 147, 149
RGB Percent	49%, 58%, 58%
CMY	0.5059, 0.4232, 0.4157
CMYK	0.15, 0.01, 0.00, 0.42
HSL	185°, 10%, 54%
HSV	185°, 15%, 58%
XYZ	24.4757, 27.4989, 32.4516
YIQ	140.9490, -13.1580, -3.8300

Conversions

Conversions Part 2

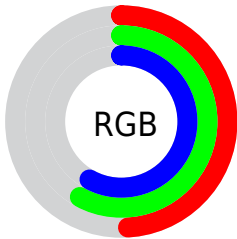
Format	Color
R_{YB}	126, 137, 149
Decimal	8295317
CIE _{Lab}	59.43, -7.04, -3.54
CIE _{LCh}	59, 7.878, 206.677
Yxy	27.4989, 0.2899, 0.3257
Android (android.graphics.Color)	4286485397 (0xFF7E9395)
YUV	140.9490, 3.9691, -13.1103
Hunter-Lab	52.4394, -8.4555, 0.0166

Details

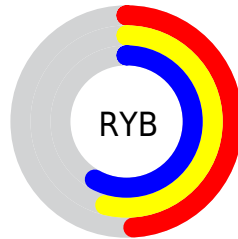
The RYB color `126, 137, 149` is a dark color, and the websafe version is hex `999999`. A complement of this color would be `149, 128, 126`, and the grayscale version is `141, 141, 141`.

A 20% lighter version of the original color is `179, 190, 203`, and `77, 87, 98` is the 20% darker color. If you saturate the color by 10%, you get `111, 129, 149`, and if you desaturate by 10%, it is `141, 145, 149`.

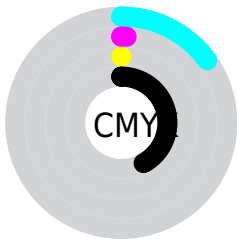
Distribution



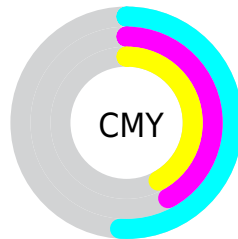
- Red (49%)
- Green (58%)
- Blue (58%)



- Red (49%)
- Yellow (54%)
- Blue (58%)



- Cyan (15%)
- Magenta (1%)
- Yellow (0%)
- Black (42%)



- Cyan (51%)
- Magenta (42%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 126, 137, 149 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 126, 137, 149 by changing the saturation by 10% instead.


 126, 137, 149


255, 255, 255

 179, 190, 203

 207, 218, 231


 235, 245, 255

 126, 137, 149

 101, 111, 123

 77, 87, 98

 53, 63, 75


 31, 41, 52


 10, 20, 31


 0, 0, 6

 0, 0, 0

 126, 137, 149

 111, 129, 149

 126, 137, 149

 141, 145, 149

96, 121, 149

156, 150, 149

81, 113, 149

171, 151, 149

66, 106, 149

186, 152, 149

52, 98, 149

201, 153, 149

37, 91, 149

215, 156, 149

22, 83, 149

230, 157, 149

7, 75, 149

245, 158, 149

0, 71, 149

255, 159, 149

Harmonies

Analogous

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



128, 139, 147



126, 137, 149



129, 139, 154

Triad

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



126, 137, 149



152, 140, 151



142, 150, 129

Complementary

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



126, 137, 149



149, 128, 126

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.



156, 144, 132



126, 137, 149



157, 139, 144

Square

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



126, 137, 149



144, 142, 155



158, 139, 137



131, 145, 134

Rectangle

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



126, 137, 149



133, 141, 156



158, 139, 137



148, 152, 130

Sweetspot

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



126, 137, 149



184, 189, 194



126, 147, 149



91, 94, 97



224, 224, 224



97, 97, 97

Same Dimension

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



126, 137, 149



157, 175, 194



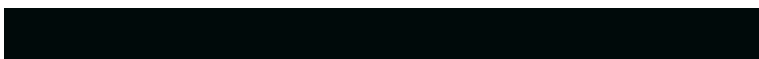
126, 133, 149



67, 70, 74



0, 66, 138



0, 5, 10

Inverse Universe

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



149, 126, 147



194, 157, 191



144, 149, 126



74, 67, 73



138, 0, 126



10, 0, 9

Previews

White Background



This preview shows how the RYB color 126, 137, 149 looks on a white background.

Color Contrast Check

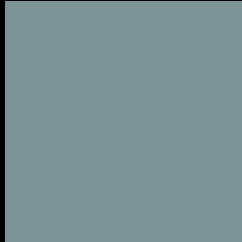
Large Text (above 18pt) WCAG AA ✓ Pass

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 126, 137, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

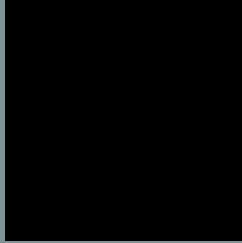
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

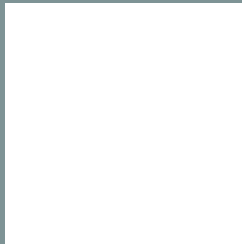
Any Text WCAG AAA × Fail

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

RYB 126, 137, 149 Background



This preview shows how black text looks on a background with the RYB color 126, 137, 149.



This preview shows how white text looks on a background with the RYB color 126, 137, 149.

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](#).

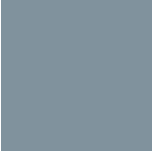
Dichromacy



Original Color
126, 137, 149

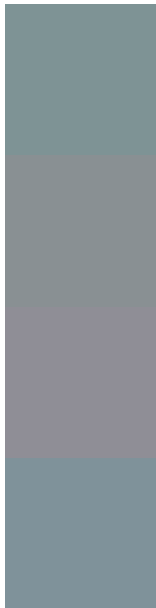
Protanopia
144, 142, 146

Deuteranopia
153, 139, 151



Tritanopia
128, 139, 157

Trichromacy



Original Color

126, 137, 149

Protanomaly

137, 141, 147

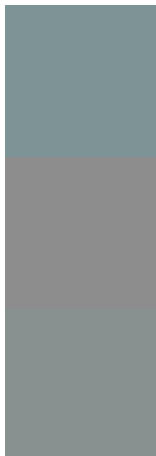
Deuteranomaly

143, 142, 150

Tritanomaly

127, 138, 154

Monochromacy



Original Color

126, 137, 149

Achromatopsia

141, 141, 141

Achromatomaly

136, 140, 144

CSS Examples

Text

The CSS property to change the color of the text to RYB 126, 137, 149 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(126, 147, 149)` looks like.

```
.text, #text, p{  
    color:rgb(126, 147, 149)  
}
```

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(126, 147, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 147, 149) }
```

Border

The CSS property to change the border of an element to RYB 126, 137, 149 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(126, 147, 149) }
```

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

```
.border{ border-color:rgb(126, 147, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 147, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 147, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 147, 149);  
box-shadow:4px 4px 4px 4px rgb(126, 147,  
149) }
```

Background

The CSS property to change the background color of an element to RYB 126, 137, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 147, 149) }
```

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

```
.background{ background-color: rgb(126,  
147, 149) }
```

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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