

Converting Colors

`RYB(129, 135, 145)`

Have a look what the booklet for
RYB(129, 135, 145) contains.

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Color

R_YB(129, 135, 145)

Conversions

Conversions Part 1

Format	Color
Hex	818B91
RGB	129, 139, 145
RGB Percent	51%, 55%, 57%
CMY	0.4941, 0.4565, 0.4314
CMYK	0.11, 0.04, 0.00, 0.43
HSL	204°, 7%, 54%
HSV	204°, 11%, 57%
XYZ	23.3389, 25.0611, 30.3952
YIQ	136.6940, -7.8860, -0.2540

Conversions

Conversions Part 2

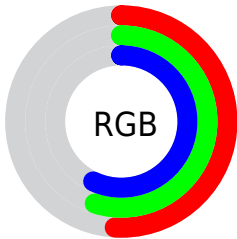
Format	Color
R_{YB}	129, 135, 145
Decimal	8489873
CIE _{Lab}	57.13, -2.14, -4.62
CIE _{LCh}	57, 5.086, 245.171
Yxy	25.0611, 0.2962, 0.3181
Android (android.graphics.Color)	4286679953 (0xFF818B91)
YUV	136.6940, 4.0949, -6.7476
Hunter-Lab	50.0610, -4.3885, -0.9560

Details

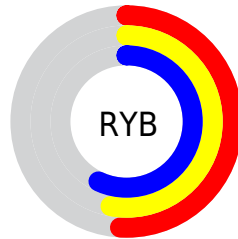
The RYB color **129, 135, 145** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **145, 139, 129**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **182, 188, 199**, and **80, 86, 95** is the 20% darker color. If you saturate the color by 10%, you get **115, 126, 145**, and if you desaturate by 10%, it is **144, 144, 145**.

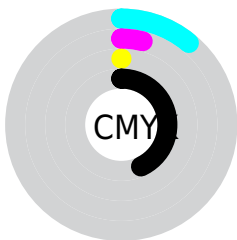
Distribution



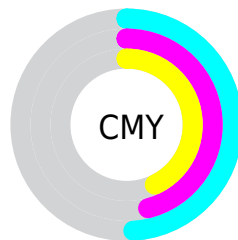
- Red (51%)
- Green (55%)
- Blue (57%)



- Red (51%)
- Yellow (53%)
- Blue (57%)



- Cyan (11%)
- Magenta (4%)
- Yellow (0%)
- Black (43%)



- Cyan (49%)
- Magenta (46%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 129, 135, 145 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 129, 135, 145 by changing the saturation by 10% instead.

■ 129, 135, 145

255, 255, 255

■ 182, 188, 199

■ 210, 216, 227

■ 238, 244, 255

■ 129, 135, 145

■ 104, 110, 119

■ 80, 86, 95

■ 57, 62, 71

■ 35, 40, 49

■ 14, 19, 28

■ 0, 0, 0

■ 129, 135, 145

■ 115, 126, 145

■ 100, 117, 145

■ 129, 135, 145

■ 144, 144, 145

■ 158, 153, 145

86, 108, 145

173, 163, 145

71, 99, 145

187, 174, 145

57, 90, 145

202, 184, 145

42, 81, 145

216, 191, 145

27, 71, 145

230, 202, 145

13, 62, 145

245, 212, 145

0, 54, 145

255, 224, 145

Harmonies

Analogous

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



127, 134, 142



129, 135, 145



134, 136, 146

Triad

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



129, 135, 145



147, 134, 136



130, 138, 133

Complementary

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



129, 135, 145



145, 139, 129

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.



132, 140, 128



129, 135, 145



147, 136, 132

Square

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



129, 135, 145



144, 135, 141



144, 142, 129



130, 137, 139

Rectangle

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



129, 135, 145



137, 136, 145



144, 142, 129



129, 138, 130

Sweetspot

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



129, 135, 145



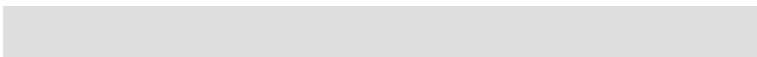
183, 185, 189



129, 141, 145



91, 92, 94



222, 222, 222



94, 94, 94

Same Dimension

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



129, 135, 145



164, 173, 189



129, 131, 145



64, 67, 71



0, 51, 135



0, 3, 8

Inverse Universe

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



145, 129, 139



189, 164, 179



131, 145, 129



71, 64, 69



135, 0, 81



8, 0, 5

Previews

White Background



This preview shows how the RYB color 129, 135, 145 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 129, 135, 145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

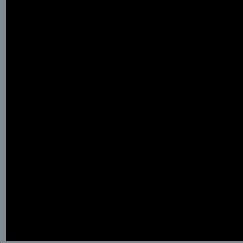
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

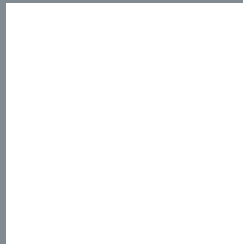
Any Text WCAG AAA × Fail

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

RYB 129, 135, 145 Background



This preview shows how black text looks on a background with the RYB color 129, 135, 145.



This preview shows how white text looks on a background with the RYB color 129, 135, 145.

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

[129](#), [135](#), [145](#)

Protanopia

[137](#), [136](#), [144](#)

Deuteranopia

[146](#), [133](#), [146](#)



Tritanopia
130, 136, 149

Trichromacy



Original Color

129, 135, 145

Protanomaly

134, 136, 144

Deuteranomaly

140, 135, 146

Tritanomaly

130, 136, 148

Monochromacy



Original Color

129, 135, 145

Achromatopsia

136, 136, 136

Achromatomaly

133, 135, 139

CSS Examples

Text

The CSS property to change the color of the text to RYB 129, 135, 145 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, 139, 145)` looks like.

```
.text, #text, p{  
    color:rgb(129, 139, 145)  
}
```

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, 139, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 139, 145) }
```

Border

The CSS property to change the border of an element to RYB 129, 135, 145 is called "border". The border property can be set on classes, ids or directly on the HTML element.

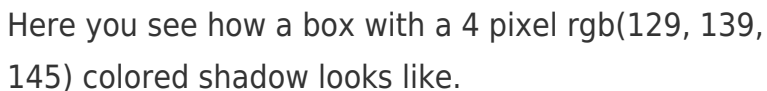
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(129, 139, 145) }
```

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

```
.border{ border-color:rgb(129, 139, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(129, 139, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 139, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 139, 145); box-shadow:4px 4px 4px 4px rgb(129, 139, 145) }
```

Background

The CSS property to change the background color of an element to RYB 129, 135, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 139, 145) }
```

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

```
.background{ background-color: rgb(129,  
139, 145) }
```

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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