

Converting Colors

`RYB(136, 142, 154)`

Have a look what the booklet for
RYB(136, 142, 154) contains.

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Color

R_YB(136, 142, 154)

Conversions

Conversions Part 1

Format	Color
Hex	88919A
RGB	136, 145, 154
RGB Percent	53%, 57%, 60%
CMY	0.4667, 0.4314, 0.3961
CMYK	0.12, 0.06, 0.00, 0.40
HSL	210°, 8%, 57%
HSV	210°, 12%, 60%
XYZ	26.1115, 27.8181, 34.5651
YIQ	143.3350, -8.2530, 0.8910

Conversions

Conversions Part 2

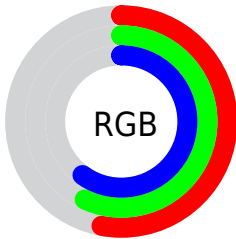
Format	Color
R_{YB}	136, 142, 154
Decimal	8950170
CIE Lab	59.72, -1.36, -5.88
CIE LCh	60, 6.030, 256.978
Yxy	27.8181, 0.2951, 0.3143
Android (android.graphics.Color)	4287140250 (0xFF88919A)
YUV	143.3350, 5.2578, -6.4328
Hunter-Lab	52.7429, -3.9299, -1.9357

Details

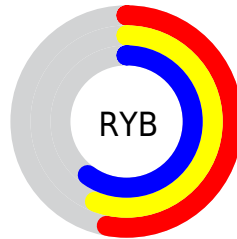
The RYB color **136, 142, 154** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **154, 154, 136**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **189, 196, 208**, and **86, 92, 103** is the 20% darker color. If you saturate the color by 10%, you get **121, 132, 154**, and if you desaturate by 10%, it is **151, 152, 154**.

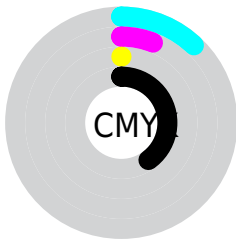
Distribution



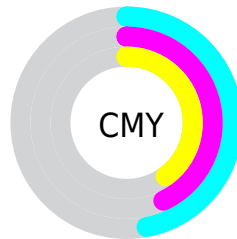
- Red (53%)
- Green (57%)
- Blue (60%)



- Red (53%)
- Yellow (56%)
- Blue (60%)



- Cyan (12%)
- Magenta (6%)
- Yellow (0%)
- Black (40%)



- Cyan (47%)
- Magenta (43%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 136, 142, 154 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 136, 142, 154 by changing the saturation by 10% instead.


 136, 142, 154


255, 255, 255

 189, 196, 208


 217, 224, 237


 246, 251, 255

 136, 142, 154

 111, 116, 128

 86, 92, 103

 63, 68, 79

 41, 46, 56


 20, 25, 35


 0, 1, 13

 0, 0, 0

 136, 142, 154

 121, 132, 154

 136, 142, 154

 151, 152, 154

■ 105, 122, 154

■ 167, 165, 154

■ 90, 111, 154

■ 182, 182, 154

■ 74, 101, 154

■ 198, 198, 154

■ 59, 91, 154

■ 213, 211, 154

■ 44, 81, 154

■ 228, 228, 154

■ 28, 70, 154

■ 244, 244, 154

■ 13, 60, 154

■ 245, 255, 154

■ 0, 51, 154

■ 223, 255, 154

Harmonies

Analogous

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



132, 140, 151



136, 142, 154



142, 143, 154

Triad

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



136, 142, 154



156, 140, 141



137, 146, 144

Complementary

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



136, 142, 154



154, 154, 136

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.



135, 145, 134



136, 142, 154



155, 143, 136

Square

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



136, 142, 154



153, 141, 146



149, 151, 134



134, 142, 147

Rectangle

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



136, 142, 154



147, 142, 152



149, 151, 134



135, 146, 140

Sweetspot

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



136, 142, 154



193, 196, 201



136, 148, 154



97, 98, 102



230, 230, 230



102, 102, 102

Same Dimension

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



136, 142, 154



173, 182, 201



136, 136, 154



69, 72, 77



0, 47, 140



0, 4, 13

Inverse Universe

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



154, 136, 145



201, 173, 187



136, 154, 136



77, 69, 73



140, 0, 70



13, 0, 6

Previews

White Background



This preview shows how the RYB color 136, 142, 154 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 136, 142, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

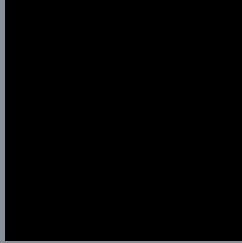
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

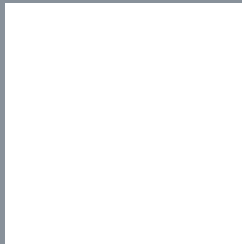
Any Text WCAG AAA × Fail

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

RYB 136, 142, 154 Background



This preview shows how black text looks on a background with the RYB color 136, 142, 154.



This preview shows how white text looks on a background with the RYB color 136, 142, 154.

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
136, 142, 154

Protanopia
144, 143, 153

Deuteranopia
152, 140, 155



Tritanopia
136, 142, 156

Trichromacy



Original Color

136, 142, 154

Protanomaly

141, 143, 153

Deuteranomaly

146, 142, 155

Tritanomaly

136, 142, 155

Monochromacy



Original Color

136, 142, 154

Achromatopsia

143, 143, 143

Achromatomaly

140, 143, 147

CSS Examples

Text

The CSS property to change the color of the text to RYB 136, 142, 154 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(136, 145, 154) looks like.

```
.text, #text, p{  
    color:rgb(136, 145, 154)  
}
```

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(136, 145, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 145, 154) }
```

Border

The CSS property to change the border of an element to RYB 136, 142, 154 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(136, 145, 154) }
```

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

```
.border{ border-color:rgb(136, 145, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 145, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 145, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 145, 154);  
box-shadow:4px 4px 4px 4px rgb(136, 145,  
154) }
```

Background

The CSS property to change the background color of an element to RYB 136, 142, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 145, 154) }
```

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

```
.background{ background-color: rgb(136,  
145, 154) }
```

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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