

Converting Colors

`RYB(145, 157, 169)`

Have a look what the booklet for
RYB(145, 157, 169) contains.

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Color

RYB(145, 157, 169)

Conversions

Conversions Part 1

Format	Color
Hex	91A9A9
RGB	145, 169, 169
RGB Percent	57%, 66%, 66%
CMY	0.4314, 0.3373, 0.3373
CMYK	0.14, 0.00, 0.00, 0.34
HSL	180°, 12%, 62%
HSV	180°, 14%, 66%
XYZ	33.0265, 37.2602, 42.9874
YIQ	161.8240, -14.3040, -5.0880

Conversions

Conversions Part 2

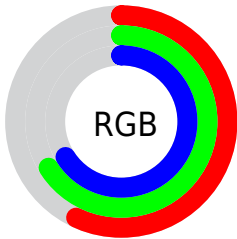
Format	Color
RYB	145, 157, 169
Decimal	9546153
CIELab	67.47, -8.28, -2.80
CIElCh	67, 8.739, 198.711
Yxy	37.2602, 0.2916, 0.3289
Android (android.graphics.Color)	4287736233 (0xFF91A9A9)
YUV	161.8240, 3.5378, -14.7546
Hunter-Lab	61.0412, -10.2443, 0.9747

Details

The RYB color **145, 157, 169** is a light color, and the websafe version is hex **999999**. A complement of this color would be **169, 145, 145**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **199, 212, 224**, and **94, 106, 117** is the 20% darker color. If you saturate the color by 10%, you get **128, 149, 169**, and if you desaturate by 10%, it is **162, 166, 169**.

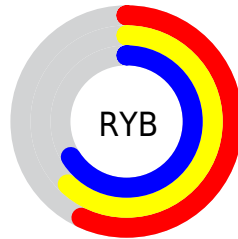
Distribution



Red (57%)

Green (66%)

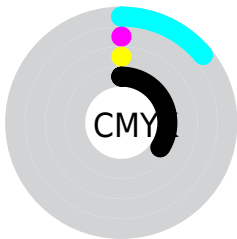
Blue (66%)



Red (57%)

Yellow (62%)

Blue (66%)

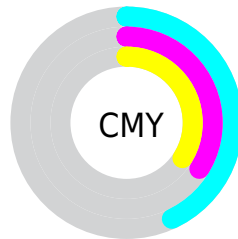


Cyan (14%)

Magenta (0%)

Yellow (0%)

Black (34%)



Cyan (43%)

Magenta (34%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 157, 169 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 145, 157, 169 by changing the saturation by 10% instead.


 145, 157, 169


255, 255, 255

 199, 212, 224

 227, 240, 253

 145, 157, 169


 119, 131, 143

 94, 106, 117

 70, 81, 92

 47, 58, 69


 25, 36, 47

 2, 14, 26

 0, 0, 0

 145, 157, 169

 128, 149, 169

 145, 157, 169

 162, 166, 169

■ 111, 140, 169

■ 179, 169, 169

■ 94, 132, 169

■ 196, 169, 169

■ 77, 123, 169

■ 213, 169, 169

■ 61, 115, 169

■ 229, 169, 169

■ 44, 107, 169

■ 246, 169, 169

■ 27, 98, 169

■ 255, 169, 169

■ 10, 90, 169

■ 0, 85, 169

Harmonies

Analogous

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



149, 162, 169



145, 157, 169



146, 159, 176

Triad

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



145, 157, 169



172, 161, 175



169, 174, 149

Complementary

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



145, 157, 169



169, 145, 145

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.



180, 162, 153



145, 157, 169



179, 159, 168

Square

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



145, 157, 169



162, 163, 179



182, 159, 160



150, 166, 149

Rectangle

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



145, 157, 169



150, 161, 179



182, 159, 160



176, 172, 150

Sweetspot

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



145, 157, 169



211, 215, 219



145, 169, 169



104, 107, 110



237, 237, 237



110, 110, 110

Same Dimension

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



145, 157, 169



182, 201, 219



145, 153, 169



76, 80, 84



0, 74, 148



0, 10, 20

Inverse Universe

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



169, 145, 169



219, 182, 219



169, 169, 145



84, 76, 84



148, 0, 148



20, 0, 20

Previews

White Background



This preview shows how the RYB color 145, 157, 169 looks on a white background.

Color Contrast Check

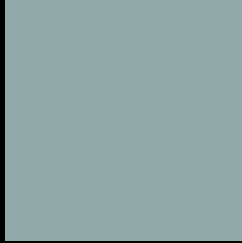
Large Text (above 18pt) WCAG AA × Fail

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 145, 157, 169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

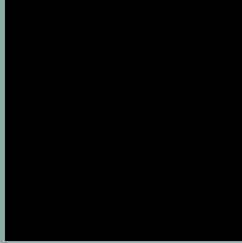
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

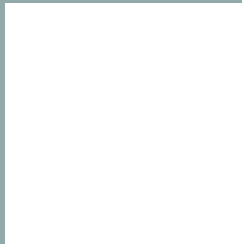
Any Text WCAG AAA ✓ Pass

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

RYB 145, 157, 169 Background



This preview shows how black text looks on a background with the RYB color 145, 157, 169.



This preview shows how white text looks on a background with the RYB color 145, 157, 169.

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
145, 157, 169

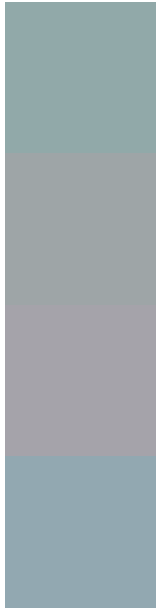
Protanopia
166, 163, 166

Deuteranopia
177, 159, 171



Tritanopia
147, 160, 181

Trichromacy



Original Color

145, 157, 169

Protanomaly

158, 162, 167

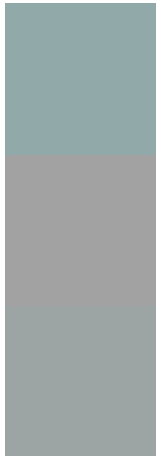
Deuteranomaly

165, 163, 170

Tritanomaly

146, 159, 177

Monochromacy



Original Color

145, 157, 169

Achromatopsia

162, 162, 162

Achromatomaly

156, 161, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 157, 169 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(145, 169, 169) looks like.

```
.text, #text, p{  
    color:rgb(145, 169, 169)  
}
```

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(145, 169, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 169, 169) }
```

Border

The CSS property to change the border of an element to RYB 145, 157, 169 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(145, 169, 169) }
```

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

```
.border{ border-color:rgb(145, 169, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 169, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 169, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 169, 169);  
box-shadow:4px 4px 4px 4px rgb(145, 169,  
169) }
```

Background

The CSS property to change the background color of an element to RYB 145, 157, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 169, 169) }
```

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

```
.background{ background-color: rgb(145,  
169, 169) }
```

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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