

Converting Colors

`RYB(146, 156, 169)`

Have a look what the booklet for RYB(146, 156, 169) contains.

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Color

R_YB(146, 156, 169)

Conversions

Conversions Part 1

Format	Color
Hex	92A4A9
RGB	146, 164, 169
RGB Percent	57%, 64%, 66%
CMY	0.4275, 0.3581, 0.3373
CMYK	0.14, 0.03, 0.00, 0.34
HSL	194°, 12%, 62%
HSV	194°, 14%, 66%
XYZ	32.2360, 35.4165, 42.6732
YIQ	159.1880, -12.3330, -2.2610

Conversions

Conversions Part 2

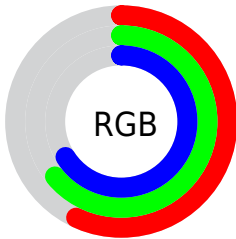
Format	Color
RYB	146, 156, 169
Decimal	9610409
CIELab	66.07, -5.07, -4.86
CIELCh	66, 7.022, 223.790
Yxy	35.4165, 0.2922, 0.3210
Android (android.graphics.Color)	4287800489 (0xFF92A4A9)
YUV	159.1880, 4.8373, -11.5659
Hunter-Lab	59.5117, -7.4568, -0.8559

Details

The RYB color **146, 156, 169** is a light color, and the websafe version is hex **999999**. A complement of this color would be **169, 152, 146**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **200, 211, 224**, and **95, 105, 117** is the 20% darker color. If you saturate the color by 10%, you get **129, 146, 169**, and if you desaturate by 10%, it is **163, 166, 169**.

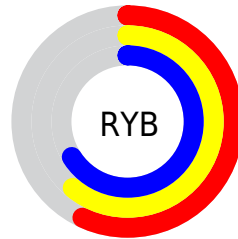
Distribution



Red (57%)

Green (64%)

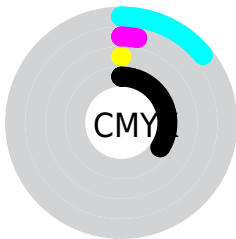
Blue (66%)



Red (57%)

Yellow (61%)

Blue (66%)

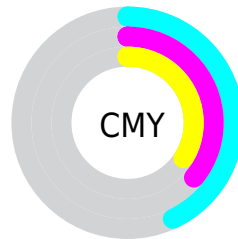


Cyan (14%)

Magenta (3%)

Yellow (0%)

Black (34%)



Cyan (43%)

Magenta (36%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 146, 156, 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 146, 156, 169 by changing the saturation by 10% instead.

 146, 156, 169


255, 255, 255


 200, 211, 224


 228, 239, 253

 146, 156, 169

 120, 130, 143

 95, 105, 117

 71, 80, 92

 49, 58, 69


 27, 36, 47

 3, 13, 26

 0, 0, 0

 146, 156, 169

 129, 146, 169

 146, 156, 169

 163, 166, 169

■ 112, 137, 169

■ 180, 171, 169

■ 95, 127, 169

■ 197, 177, 169

■ 78, 118, 169

■ 214, 182, 169

■ 61, 108, 169

■ 230, 187, 169

■ 45, 99, 169

■ 247, 192, 169

■ 28, 89, 169

■ 255, 199, 169

■ 11, 80, 169

■ 255, 206, 169

■ 0, 73, 169

■ 255, 215, 169

Harmonies

Analogous

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



146, 155, 164



146, 156, 169



151, 158, 172

Triad

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



146, 156, 169



171, 157, 164



150, 163, 148

Complementary

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



146, 156, 169



169, 152, 146

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.



169, 169, 149



146, 156, 169



174, 156, 158

Square

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



146, 156, 169



165, 158, 170



174, 158, 152



151, 163, 159

Rectangle

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



146, 156, 169



155, 160, 173



174, 158, 152



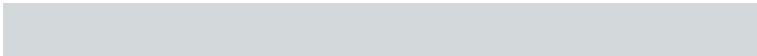
155, 165, 148

Sweetspot

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



146, 156, 169



211, 214, 219



146, 165, 169



104, 106, 110



237, 237, 237



110, 110, 110

Same Dimension

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



146, 156, 169



184, 199, 219



146, 151, 169



76, 79, 84



0, 64, 148



0, 9, 20

Inverse Universe

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



169, 146, 164



219, 184, 211



156, 169, 146



84, 76, 82



148, 0, 114



20, 0, 16

Previews

White Background



This preview shows how the RYB color 146, 156, 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 146, 156, 169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

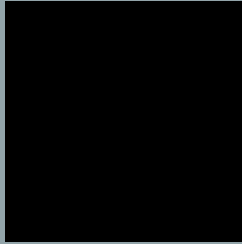
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

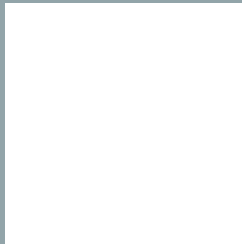
Any Text WCAG AAA ✓ Pass

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

RYB 146, 156, 169 Background



This preview shows how black text looks on a background with the RYB color 146, 156, 169.



This preview shows how white text looks on a background with the RYB color 146, 156, 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
146, 156, 169

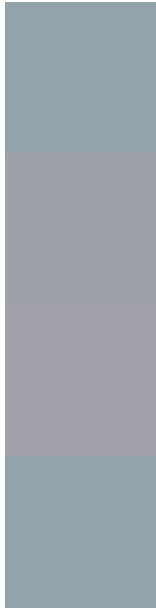
Protanopia
161, 159, 166

Deuteranopia
171, 156, 171



Tritanopia
147, 157, 176

Trichromacy



Original Color

146, 156, 169

Protanomaly

156, 159, 167

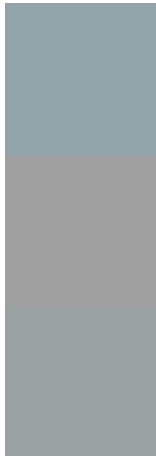
Deuteranomaly

162, 159, 170

Tritanomaly

147, 157, 173

Monochromacy



Original Color

146, 156, 169

Achromatopsia

159, 159, 159

Achromatomaly

154, 158, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 146, 156, 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(146, 164, 169)` looks like.

```
.text, #text, p{  
    color:rgb(146, 164, 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(146, 164, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 164, 169) }
```

Border

The CSS property to change the border of an element to RYB 146, 156, 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(146, 164, 169) }
```

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

```
.border{ border-color:rgb(146, 164, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 164, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 164, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 164, 169);  
box-shadow:4px 4px 4px 4px rgb(146, 164,  
169) }
```

Background

The CSS property to change the background color of an element to RYB 146, 156, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 164, 169) }
```

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

```
.background{ background-color: rgb(146,  
164, 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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