

Converting Colors

`RYB(156, 155, 169)`

Have a look what the booklet for
RYB(156, 155, 169) contains.

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Color

R_YB(156, 155, 169)

Conversions

Conversions Part 1

Format	Color
Hex	9C9BA9
RGB	156, 155, 169
RGB Percent	61%, 61%, 66%
CMY	0.3882, 0.3922, 0.3373
CMYK	0.08, 0.08, 0.00, 0.34
HSL	244°, 8%, 64%
HSV	244°, 8%, 66%
XYZ	32.5931, 33.3752, 42.2603
YIQ	156.8950, -3.8980, 4.5660

Conversions

Conversions Part 2

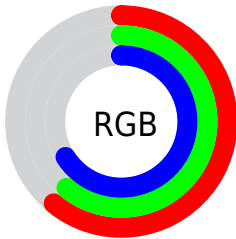
Format	Color
RYB	156, 155, 169
Decimal	10263465
CIELab	64.46, 3.15, -7.16
CIELCh	64, 7.819, 293.722
Yxy	33.3752, 0.3012, 0.3084
Android (android.graphics.Color)	4288453545 (0xFF9C9BA9)
YUV	156.8950, 5.9678, -0.7849
Hunter-Lab	57.7713, -0.3945, -2.9314

Details

The RYB color **156, 155, 169** is a light color, and the websafe version is hex **999999**. A complement of this color would be **155, 169, 156**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **211, 209, 224**, and **105, 104, 117** is the 20% darker color. If you saturate the color by 10%, you get **140, 138, 169**, and if you desaturate by 10%, it is **169, 172, 169**.

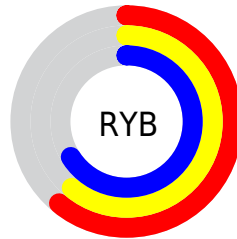
Distribution



Red (61%)

Green (61%)

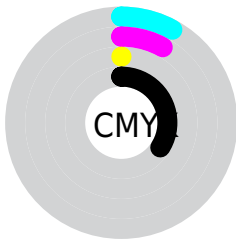
Blue (66%)



Red (61%)

Yellow (61%)

Blue (66%)

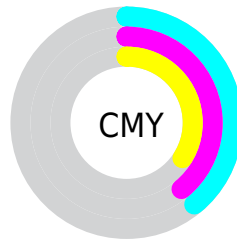


Cyan (8%)

Magenta (8%)

Yellow (0%)

Black (34%)



Cyan (39%)

Magenta (39%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 156, 155, 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 156, 155, 169 by changing the saturation by 10% instead.

 156, 155, 169


255, 255, 255


 211, 209, 224


 239, 238, 253

 156, 155, 169

 130, 129, 143

 105, 104, 117

 81, 80, 92

 58, 57, 69

 36, 36, 47

 15, 14, 26

 0, 0, 0

 156, 155, 169

 140, 138, 169

 156, 155, 169

 169, 172, 169

■ 125, 121, 169

■ 169, 189, 171

■ 109, 104, 169

■ 169, 206, 172

■ 93, 87, 169

■ 169, 223, 173

■ 78, 70, 169

■ 169, 239, 174

■ 62, 54, 169

■ 169, 255, 174

■ 46, 37, 169

■ 169, 255, 169

■ 30, 20, 169

■ 15, 3, 169

Harmonies

Analogous

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



148, 154, 170



156, 155, 169



164, 153, 165

Triad

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



156, 155, 169



169, 157, 145



142, 152, 160

Complementary

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



156, 155, 169



155, 169, 156

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.



148, 159, 159



156, 155, 169



159, 164, 143

Square

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



156, 155, 169



172, 152, 151



143, 158, 145



139, 150, 162

Rectangle

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



156, 155, 169



168, 152, 160



143, 158, 145



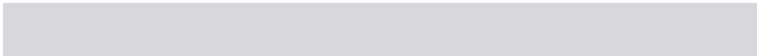
144, 155, 160

Sweetspot

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



156, 155, 169



215, 215, 219



155, 162, 169



108, 107, 110



237, 237, 237



110, 110, 110

Same Dimension

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



156, 155, 169



199, 197, 219



163, 155, 169



76, 76, 84



11, 0, 148



1, 0, 20

Inverse Universe

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



169, 155, 168



219, 197, 218



155, 169, 163



84, 76, 84



148, 0, 137



20, 0, 19

Previews

White Background



This preview shows how the RYB color 156, 155, 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 156, 155, 169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

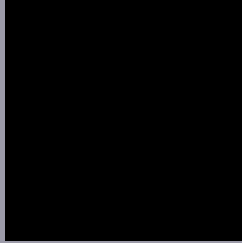
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

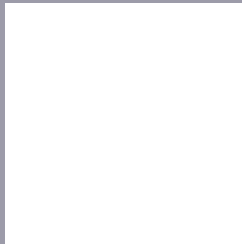
Any Text WCAG AAA ✓ Pass

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

RYB 156, 155, 169 Background



This preview shows how black text looks on a background with the RYB color 156, 155, 169.

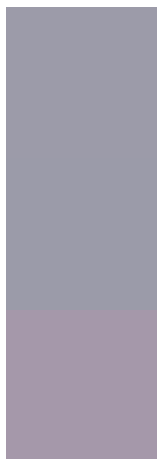


This preview shows how white text looks on a background with the RYB color 156, 155, 169.

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


156, 155, 169

Protanopia

155, 155, 169

Deuteranopia

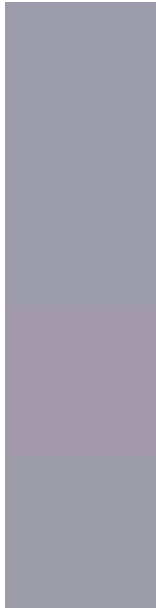
165, 152, 170



Tritanopia

156, 155, 168

Trichromacy



Original Color

156, 155, 169

Protanomaly

155, 155, 169

Deuteranomaly

162, 153, 170

Tritanomaly

156, 155, 168

Monochromacy



Original Color

156, 155, 169

Achromatopsia

157, 157, 157

Achromatomaly

157, 156, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 156, 155, 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(156, 155, 169) looks like.

```
.text, #text, p{  
    color:rgb(156, 155, 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(156, 155, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 155, 169) }
```

Border

The CSS property to change the border of an element to RYB 156, 155, 169 is called "border". The border property can be set on classes, ids or directly on the HTML element.

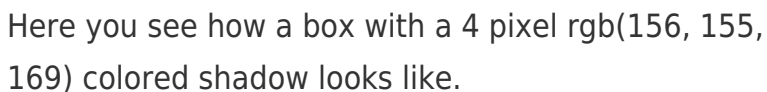
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 155, 169) }
```

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

```
.border{ border-color:rgb(156, 155, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 155, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 155, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 155, 169);  
box-shadow:4px 4px 4px 4px rgb(156, 155,  
169) }
```

Background

The CSS property to change the background color of an element to RYB 156, 155, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 155, 169) }
```

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

```
.background{ background-color: rgb(156,  
155, 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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