

Converting Colors

`RYB(156, 155, 162)`

Have a look what the booklet for
RYB(156, 155, 162) contains.

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Color

R_YB(156, 155, 162)

Conversions

Conversions Part 1

Format	Color
Hex	9C9BA2
RGB	156, 155, 162
RGB Percent	61%, 61%, 64%
CMY	0.3882, 0.3922, 0.3647
CMYK	0.04, 0.04, 0.00, 0.36
HSL	249°, 4%, 62%
HSV	249°, 4%, 64%
XYZ	31.9532, 33.1192, 38.8910
YIQ	156.0970, -1.6510, 2.3890

Conversions

Conversions Part 2

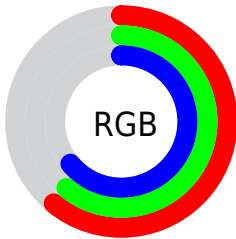
Format	Color
R_{YB}	156, 155, 162
Decimal	10263458
CIE _{Lab}	64.26, 1.73, -3.53
CIE _{LCh}	64, 3.930, 296.105
Yxy	33.1192, 0.3074, 0.3186
Android (android.graphics.Color)	4288453538 (0xFF9C9BA2)
YUV	156.0970, 2.9102, -0.0851
Hunter-Lab	57.5493, -1.6024, 0.2172

Details

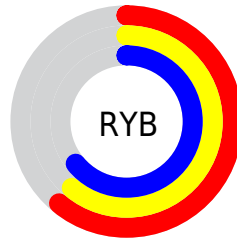
The RYB color **156, 155, 162** is a light color, and the websafe version is hex **999999**. A complement of this color would be **155, 162, 156**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **210, 209, 217**, and **105, 104, 110** is the 20% darker color. If you saturate the color by 10%, you get **142, 139, 162**, and if you desaturate by 10%, it is **162, 171, 163**.

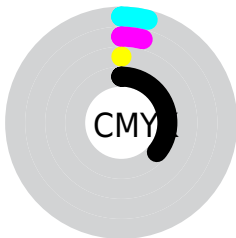
Distribution



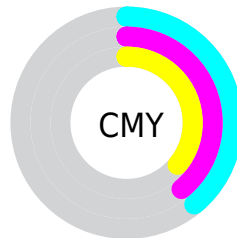
- Red (61%)
- Green (61%)
- Blue (64%)



- Red (61%)
- Yellow (61%)
- Blue (64%)



- Cyan (4%)
- Magenta (4%)
- Yellow (0%)
- Black (36%)



- Cyan (39%)
- Magenta (39%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 156, 155, 162 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, 162 by changing the saturation by 10% instead.

 156, 155, 162


255, 255, 255


 210, 209, 217


 239, 238, 245

 156, 155, 162

 130, 129, 136

 105, 104, 110


 81, 80, 86

 58, 57, 63

 36, 36, 41

 15, 14, 21

 0, 0, 0

 156, 155, 162

 142, 139, 162

 156, 155, 162

 162, 171, 163

128, 123, 162

162, 187, 165

114, 106, 162

162, 204, 168

100, 90, 162

162, 220, 170

87, 74, 162

162, 236, 173

73, 58, 162

162, 252, 175

59, 42, 162

162, 255, 164

45, 25, 162

162, 255, 162

31, 9, 162

Harmonies

Analogous

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



152, 155, 163



156, 155, 162



160, 154, 160

Triad

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



156, 155, 162



162, 156, 150



148, 154, 158

Complementary

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



156, 155, 162



155, 162, 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.



151, 156, 157



156, 155, 162



156, 159, 149

Square

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



156, 155, 162



164, 154, 153



149, 156, 150



147, 153, 159

Rectangle

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



156, 155, 162



162, 154, 158



149, 156, 150



149, 155, 158

Sweetspot

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



156, 155, 162



210, 210, 212



155, 158, 162



106, 106, 107



235, 235, 235



107, 107, 107

Same Dimension

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



156, 155, 162



203, 201, 212



159, 155, 162



77, 77, 82



21, 0, 145



3, 0, 18

Inverse Universe

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



162, 155, 161



212, 201, 210



155, 162, 159



82, 77, 81



145, 0, 125



18, 0, 15

Previews

White Background



This preview shows how the RYB color 156, 155, 162 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 RGB color 156, 155, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

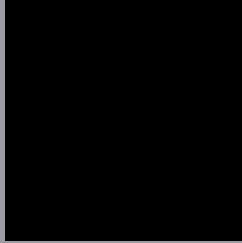
Any Text WCAG AA ✓ Pass

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, 162 Background



This preview shows how black text looks on a background with the RYB color 156, 155, 162.



This preview shows how white text looks on a background with the RYB color 156, 155, 162.

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, 162

Protanopia

157, 155, 162

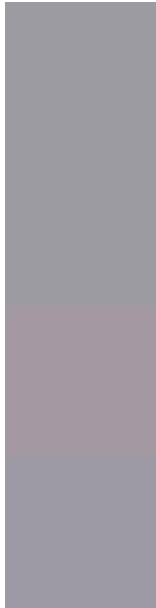
Deuteranopia

168, 151, 163



Tritanopia
157, 154, 166

Trichromacy



Original Color

156, 155, 162

Protanomaly

157, 155, 162

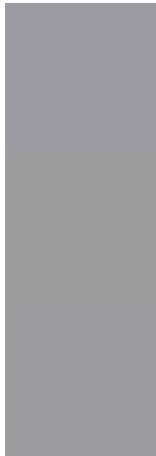
Deuteranomaly

164, 152, 163

Tritanomaly

157, 154, 165

Monochromacy



Original Color

156, 155, 162

Achromatopsia

156, 156, 156

Achromatomaly

156, 156, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 156, 155, 162 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, 162) looks like.

```
.text, #text, p{  
    color:rgb(156, 155, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 155, 162) }
```

Border

The CSS property to change the border of an element to RYB 156, 155, 162 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, 162) }
```

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

```
.border{ border-color:rgb(156, 155, 162) }
```

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, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 155, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 155, 162);  
box-shadow:4px 4px 4px 4px rgb(156, 155,  
162) }
```

Background

The CSS property to change the background color of an element to RYB 156, 155, 162 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, 162) }
```

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

```
.background{ background-color: rgb(156,  
155, 162) }
```

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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