

Converting Colors

`RYB(156, 142, 153)`

Have a look what the booklet for
RYB(156, 142, 153) contains.

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Color

R_YB(156, 142, 153)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 9C8E99 |
| RGB | 156, 142, 153 |
| RGB Percent | 61%, 56%, 60% |
| CMY | 0.3882, 0.4431, 0.4000 |
| CMYK | 0.00, 0.09, 0.02, 0.39 |
| HSL | 313°, 7%, 58% |
| HSV | 313°, 9%, 61% |
| XYZ | 29.1331, 28.7138, 34.1438 |
| YIQ | 147.4400, 4.8130, 6.3890 |

Conversions

Conversions Part 2

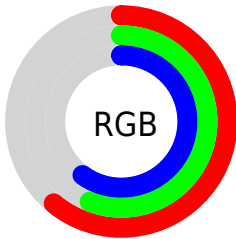
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 156, 142, 153 |
| Decimal | 10260121 |
| CIE Lab | 60.53, 7.26, -3.93 |
| CIE LCh | 61, 8.255, 331.552 |
| Yxy | 28.7138, 0.3167, 0.3121 |
| Android (android.graphics.Color) | 4288450201 (0xFF9C8E99) |
| YUV | 147.4400, 2.7411, 7.5071 |
| Hunter-Lab | 53.5853, 3.2720, -0.2691 |

Details

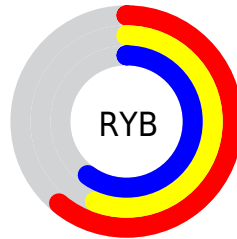
The RYB color **156, 142, 153** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **142, 154, 156**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **211, 196, 207**, and **105, 92, 102** is the 20% darker color. If you saturate the color by 10%, you get **156, 126, 150**, and if you desaturate by 10%, it is **156, 158, 158**.

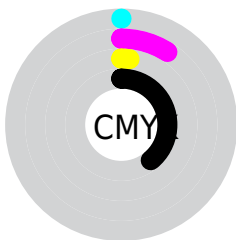
Distribution



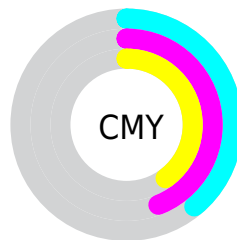
- Red (61%)
- Green (56%)
- Blue (60%)



- Red (61%)
- Yellow (56%)
- Blue (60%)



- Cyan (0%)
- Magenta (9%)
- Yellow (2%)
- Black (39%)



- Cyan (39%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 156, 142, 153 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, 142, 153 by changing the saturation by 10% instead.


 156, 142, 153


255, 255, 255

 211, 196, 207


 239, 224, 236

 255, 252, 255

 156, 142, 153


 130, 116, 127

 105, 92, 102

 81, 68, 78

 58, 46, 55


 36, 25, 34

 15, 0, 12

 0, 0, 0

 156, 142, 153

 156, 126, 150

 156, 142, 153

 156, 158, 158

156, 111, 146

156, 170, 173

156, 95, 143

156, 183, 189

156, 80, 140

156, 196, 204

156, 64, 136

156, 209, 220

156, 48, 133

156, 222, 236

156, 33, 130

156, 234, 251

156, 17, 126

156, 236, 255

156, 2, 123

156, 234, 255

Harmonies

Analogous

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



148, 144, 158



156, 142, 153



161, 141, 146

Triad

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



156, 142, 153



141, 152, 132



128, 140, 153

Complementary

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



156, 142, 153



142, 154, 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.



130, 141, 150



156, 142, 153



133, 148, 138

Square

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



156, 142, 153



158, 150, 133



135, 147, 150



131, 142, 158

Rectangle

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



156, 142, 153



162, 141, 141



135, 147, 150



128, 139, 151

Sweetspot

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



156, 142, 153



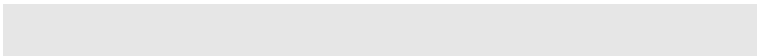
204, 198, 203



145, 142, 156



102, 98, 101



230, 230, 230



102, 102, 102

Same Dimension

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



156, 142, 153



204, 182, 199



156, 142, 146



79, 71, 77



143, 0, 112



15, 0, 12

Inverse Universe

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



156, 142, 153



204, 182, 199



142, 150, 156



79, 71, 77



143, 0, 112



15, 0, 12

Previews

White Background



This preview shows how the RYB color 156, 142, 153 looks on a white background.

Color Contrast Check

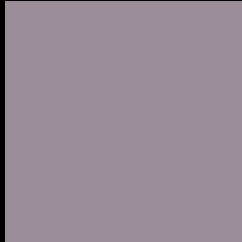
Large Text (above 18pt) WCAG AA ✓ Pass

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 156, 142, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

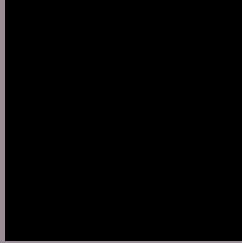
Any Text WCAG AA ✓ Pass

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 156, 142, 153 Background



This preview shows how black text looks on a background with the RYB color 156, 142, 153.



This preview shows how white text looks on a background with the RYB color 156, 142, 153.

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, 142, 153

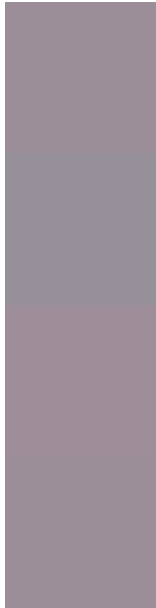
Protanopia
146, 145, 155

Deuteranopia
157, 142, 153



Tritanopia
156, 142, 153

Trichromacy



Original Color

156, 142, 153

Protanomaly

150, 144, 154

Deuteranomaly

157, 142, 153

Tritanomaly

156, 142, 153

Monochromacy



Original Color

156, 142, 153

Achromatopsia

147, 147, 147

Achromatomaly

150, 145, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 156, 142, 153 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, 142, 153) looks like.

```
.text, #text, p{  
    color:rgb(156, 142, 153)  
}
```

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, 142, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 142, 153) }
```

Border

The CSS property to change the border of an element to RYB 156, 142, 153 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, 142, 153) }
```

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

```
.border{ border-color:rgb(156, 142, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 142, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 142, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 142, 153);  
box-shadow:4px 4px 4px 4px rgb(156, 142,  
153) }
```

Background

The CSS property to change the background color of an element to RYB 156, 142, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 142, 153) }
```

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

```
.background{ background-color: rgb(156,  
142, 153) }
```

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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