

Converting Colors

`RYB(156, 126, 139)`

Have a look what the booklet for
RYB(156, 126, 139) contains.

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Color

R_YB(156, 126, 139)

Conversions

Conversions Part 1

Format	Color
Hex	9C7E8B
RGB	156, 126, 139
RGB Percent	61%, 49%, 55%
CMY	0.3882, 0.5059, 0.4549
CMYK	0.00, 0.19, 0.11, 0.39
HSL	334°, 13%, 55%
HSV	334°, 19%, 61%
XYZ	25.8314, 23.8537, 27.6689
YIQ	136.4520, 13.7070, 10.4030

Conversions

Conversions Part 2

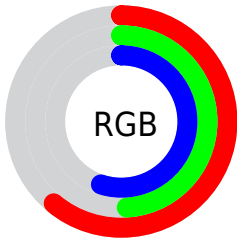
Format	Color
R_{YB}	156, 126, 139
Decimal	10256011
CIE _{Lab}	55.94, 13.78, -2.64
CIE _{LCh}	56, 14.032, 349.141
Yxy	23.8537, 0.3339, 0.3084
Android (android.graphics.Color)	4288446091 (0xFF9C7E8B)
YUV	136.4520, 1.2562, 17.1436
Hunter-Lab	48.8403, 8.9373, 0.5994

Details

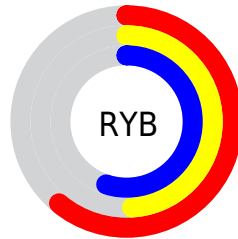
The RYB color **156, 126, 139** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **126, 145, 156**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **211, 179, 192**, and **104, 77, 89** is the 20% darker color. If you saturate the color by 10%, you get **156, 110, 130**, and if you desaturate by 10%, it is **156, 142, 148**.

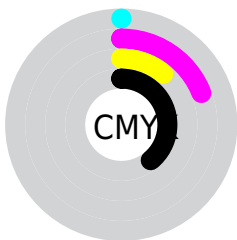
Distribution



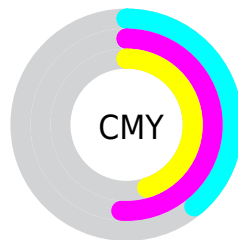
- Red (61%)
- Green (49%)
- Blue (55%)



- Red (61%)
- Yellow (49%)
- Blue (55%)



- Cyan (0%)
- Magenta (19%)
- Yellow (11%)
- Black (39%)



- Cyan (39%)
- Magenta (51%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 156, 126, 139 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, 126, 139 by changing the saturation by 10% instead.

 156, 126, 139

255, 255, 255

 211, 179, 192

 239, 206, 220

 255, 235, 249


 156, 126, 139

 130, 101, 114

 104, 77, 89

 80, 54, 66

 57, 32, 44

 35, 11, 23

 0, 0, 0

 156, 126, 139

 156, 110, 130

 156, 95, 121

 156, 126, 139

 156, 142, 148

 156, 157, 157

■ 156, 79, 112

■ 156, 167, 173

■ 156, 64, 104

■ 156, 176, 188

■ 156, 48, 95

■ 156, 187, 204

■ 156, 32, 86

■ 156, 197, 220

■ 156, 17, 77

■ 156, 206, 235

■ 156, 1, 68

■ 156, 217, 251

■ 156, 0, 68

■ 156, 217, 255

Harmonies

Analogous

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



146, 129, 150



156, 126, 139



160, 126, 127

Triad

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



156, 126, 139



111, 136, 112



104, 125, 152

Complementary

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



156, 126, 139



126, 145, 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.



102, 122, 142



156, 126, 139



118, 139, 136

Square

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



156, 126, 139



138, 148, 110



109, 129, 141



115, 129, 158

Rectangle

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



156, 126, 139



159, 129, 119



109, 129, 141



102, 123, 149

Sweetspot

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



156, 126, 139



204, 192, 197



143, 126, 156



102, 95, 98



230, 230, 230



102, 102, 102

Same Dimension

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



156, 126, 139



204, 157, 177



156, 128, 126



79, 71, 75



143, 0, 62



15, 0, 7

Inverse Universe

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



156, 126, 139



204, 157, 177



126, 140, 156



79, 71, 75



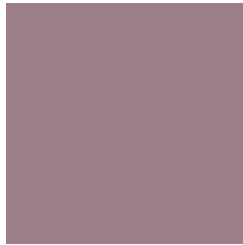
143, 0, 62



15, 0, 7

Previews

White Background



This preview shows how the RYB color 156, 126, 139 looks on a white background.

Color Contrast Check

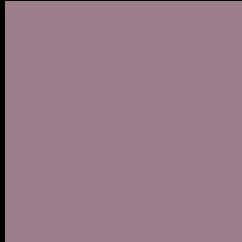
Large Text (above 18pt) WCAG AA ✓ Pass

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, 126, 139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

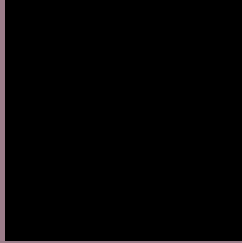
Any Text WCAG AA ✓ Pass

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, 126, 139 Background



This preview shows how black text looks on a background with the RYB color 156, 126, 139.



This preview shows how white text looks on a background with the RYB color 156, 126, 139.

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, 126, 139

Protanopia

134, 133, 143

Deuteranopia

145, 130, 138



Tritanopia
156, 126, 136

Trichromacy



Original Color
156, 126, 139

Protanomaly
142, 130, 142

Deuteranomaly
149, 129, 138

Tritanomaly
156, 126, 137

Monochromacy



Original Color
156, 126, 139

Achromatopsia
136, 136, 136

Achromatomaly
143, 132, 137

CSS Examples

Text

The CSS property to change the color of the text to RYB 156, 126, 139 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, 126, 139) looks like.

```
.text, #text, p{  
    color:rgb(156, 126, 139)  
}
```

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, 126, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 126, 139) }
```

Border

The CSS property to change the border of an element to RYB 156, 126, 139 is called "border". The border property can be set on classes, ids or directly on the HTML element.

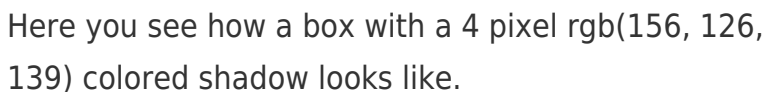
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 126, 139) }
```

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

```
.border{ border-color:rgb(156, 126, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 126, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 126, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 126, 139); box-shadow:4px 4px 4px 4px rgb(156, 126, 139) }
```

Background

The CSS property to change the background color of an element to RYB 156, 126, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 126, 139) }
```

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

```
.background{ background-color: rgb(156,  
126, 139) }
```

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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