

Converting Colors

`RYB(159, 126, 174)`

Have a look what the booklet for
RYB(159, 126, 174) contains.

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Color

`RYB(159, 126, 174)`

Conversions

Conversions Part 1

Format	Color
Hex	9F7EAE
RGB	159, 126, 174
RGB Percent	62%, 49%, 68%
CMY	0.3765, 0.5059, 0.3176
CMYK	0.09, 0.28, 0.00, 0.32
HSL	281°, 23%, 59%
HSV	281°, 28%, 68%
XYZ	29.3989, 25.3486, 43.3877
YIQ	141.3390, 4.2600, 21.9240

Conversions

Conversions Part 2

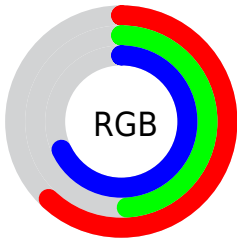
Format	Color
R _Y B	159, 126, 174
Decimal	10452654
CIE _{Lab}	57.41, 21.71, -20.60
CIE _{LCh}	57, 29.924, 316.498
Yxy	25.3486, 0.2996, 0.2583
Android (android.graphics.Color)	4288642734 (0xFF9F7EAE)
YUV	141.3390, 16.1019, 15.4887
Hunter-Lab	50.3474, 16.1219, -15.8509

Details

The RYB color **159, 126, 174** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **126, 174, 159**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **214, 179, 230**, and **107, 77, 121** is the 20% darker color. If you saturate the color by 10%, you get **154, 109, 174**, and if you desaturate by 10%, it is **164, 143, 174**.

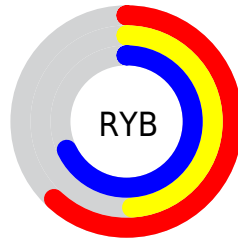
Distribution



Red (62%)

Green (49%)

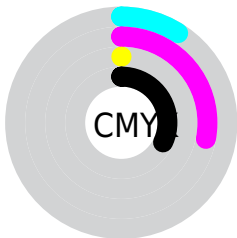
Blue (68%)



Red (62%)

Yellow (49%)

Blue (68%)

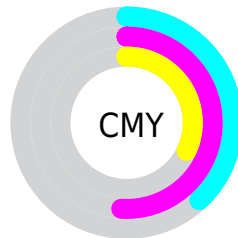


Cyan (9%)

Magenta (28%)

Yellow (0%)

Black (32%)



Cyan (38%)

Magenta (51%)

Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the RYB color 159, 126, 174 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 159, 126, 174 by changing the saturation by 10% instead.

 159, 126, 174

255, 255, 255

 214, 179, 230

 243, 207, 255


 255, 235, 255


 159, 126, 174

 133, 101, 147

 107, 77, 121

 82, 53, 97

 58, 31, 73

 36, 10, 50


 9, 0, 29

 0, 0, 0

 159, 126, 174

 154, 109, 174

 159, 126, 174

 164, 143, 174

148, 91, 174

170, 161, 174

143, 74, 174

174, 178, 177

137, 56, 174

174, 196, 189

132, 39, 174

174, 213, 201

126, 22, 174

174, 230, 212

121, 4, 174

174, 248, 225

120, 0, 174

174, 255, 226

174, 255, 221

Harmonies

Analogous

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



124, 133, 188



159, 126, 174



182, 119, 151

Triad

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



159, 126, 174



147, 166, 87



49, 101, 152

Complementary

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



159, 126, 174



126, 174, 159

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.



79, 123, 151



159, 126, 174



87, 141, 87

Square

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



159, 126, 174



183, 133, 101



101, 147, 137



46, 104, 175

Rectangle

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



159, 126, 174



188, 118, 133



101, 147, 137



58, 107, 152

Sweetspot

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



159, 126, 174



221, 209, 227



126, 137, 174



111, 103, 115



242, 242, 242



115, 115, 115

Same Dimension

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



159, 126, 174



204, 152, 227



174, 126, 165



84, 78, 87



103, 0, 150



16, 0, 23

Inverse Universe

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



174, 126, 141



227, 152, 175



126, 166, 174



87, 78, 81



150, 0, 47



23, 0, 7

Previews

White Background



This preview shows how the RYB color 159, 126, 174 looks on a white background.

Color Contrast Check

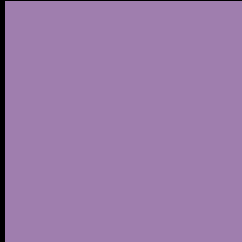
Large Text (above 18pt) WCAG AA ✓ Pass

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 159, 126, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

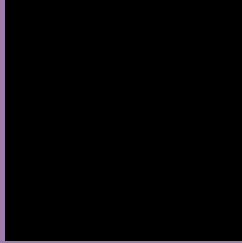
Any Text WCAG AA ✓ Pass

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 159, 126, 174 Background



This preview shows how black text looks on a background with the RYB color 159, 126, 174.



This preview shows how white text looks on a background with the RYB color 159, 126, 174.

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
159, 126, 174

Protanopia
126, 134, 182

Deuteranopia
134, 135, 172



Tritanopia

154, 132, 142

Trichromacy



Original Color
159, 126, 174

Protanomaly
138, 132, 179

Deuteranomaly
143, 132, 173

Tritanomaly
156, 130, 154

Monochromacy



Original Color
159, 126, 174

Achromatopsia
141, 141, 141

Achromatomaly
148, 136, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 159, 126, 174 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(159, 126, 174) looks like.

```
.text, #text, p{  
    color:rgb(159, 126, 174)  
}
```

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(159, 126, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 126, 174) }
```

Border

The CSS property to change the border of an element to RYB 159, 126, 174 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(159, 126, 174) }
```

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

```
.border{ border-color:rgb(159, 126, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 126, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 126, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 126, 174);  
box-shadow:4px 4px 4px 4px rgb(159, 126,  
174) }
```

Background

The CSS property to change the background color of an element to RYB 159, 126, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 126, 174) }
```

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

```
.background{ background-color: rgb(159,  
126, 174) }
```

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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