

Converting Colors

`RYB(157, 121, 185)`

Have a look what the booklet for
RYB(157, 121, 185) contains.

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Color

R_YB(157, 121, 185)

Conversions

Conversions Part 1

Format	Color
Hex	9D79B9
RGB	157, 121, 185
RGB Percent	62%, 47%, 73%
CMY	0.3843, 0.5255, 0.2745
CMYK	0.15, 0.35, 0.00, 0.27
HSL	274°, 31%, 60%
HSV	274°, 35%, 73%
XYZ	29.4990, 24.3456, 49.0434
YIQ	139.0600, 0.9120, 27.5360

Conversions

Conversions Part 2

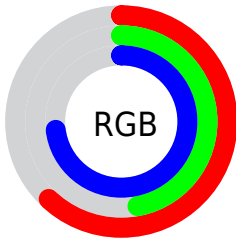
Format	Color
RYB	157, 121, 185
Decimal	10320313
CIELab	56.43, 26.32, -28.43
CIELCh	56, 38.740, 312.795
Yxy	24.3456, 0.2867, 0.2366
Android (android.graphics.Color)	4288510393 (0xFF9D79B9)
YUV	139.0600, 22.6484, 15.7334
Hunter-Lab	49.3413, 20.3699, -24.3931

Details

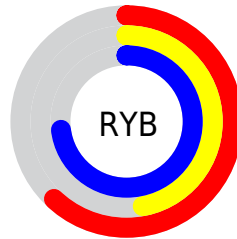
The RYB color **157, 121, 185** is a light color, and the websafe version is hex **996699**. A complement of this color would be **121, 185, 157**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **212, 174, 241**, and **105, 72, 132** is the 20% darker color. If you saturate the color by 10%, you get **149, 103, 185**, and if you desaturate by 10%, it is **165, 139, 185**.

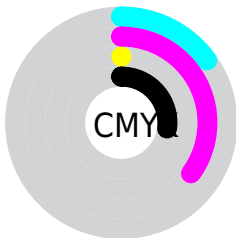
Distribution



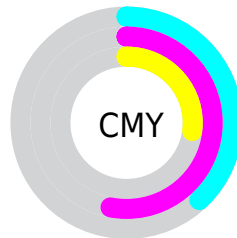
- Red (62%)
- Green (47%)
- Blue (73%)



- Red (62%)
- Yellow (47%)
- Blue (73%)



- Cyan (15%)
- Magenta (35%)
- Yellow (0%)
- Black (27%)



- Cyan (38%)
- Magenta (53%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 157, 121, 185 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 157, 121, 185 by changing the saturation by 10% instead.

 157, 121, 185

255, 255, 255

 212, 174, 241

 241, 201, 255

 255, 229, 255

 157, 121, 185


 130, 96, 158

 105, 72, 132

 80, 49, 106


 55, 26, 82


 32, 4, 58

 1, 0, 36

 0, 0, 12

 0, 0, 0

 157, 121, 185

 157, 121, 185

149, 103, 185

165, 139, 185

141, 84, 185

173, 158, 185

133, 65, 185

181, 177, 185

125, 47, 185

185, 195, 191

117, 28, 185

185, 213, 201

108, 10, 185

185, 232, 211

104, 0, 185

185, 251, 222

185, 255, 218

185, 255, 210

Harmonies

Analogous

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



107, 128, 201



157, 121, 185



188, 110, 156

Triad

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



157, 121, 185



155, 173, 71



0, 78, 153

Complementary

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



157, 121, 185



121, 185, 157

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.



57, 116, 151



157, 121, 185



72, 142, 68

Square

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



157, 121, 185



193, 122, 91



84, 146, 125



0, 82, 180

Rectangle

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



157, 121, 185



198, 108, 133



84, 146, 125



0, 81, 153

Sweetspot

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



157, 121, 185



229, 216, 240



121, 141, 185



114, 105, 120



247, 247, 247



120, 120, 120

Same Dimension

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



157, 121, 185



196, 139, 240



185, 121, 182



88, 83, 92



87, 0, 156



16, 0, 28

Inverse Universe

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



185, 121, 149



240, 139, 183



121, 182, 185



92, 83, 87



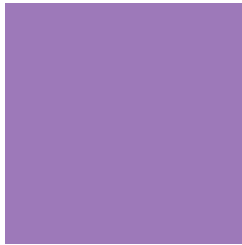
156, 0, 68



28, 0, 12

Previews

White Background



This preview shows how the RYB color 157, 121, 185 looks on a white background.

Color Contrast Check

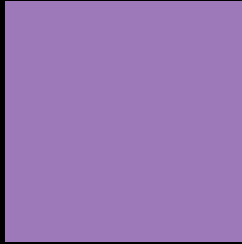
Large Text (above 18pt) WCAG AA ✓ Pass

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 157, 121, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

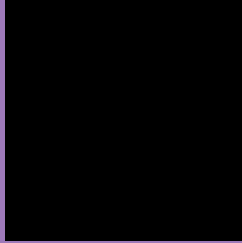
Any Text WCAG AA ✓ Pass

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 157, 121, 185 Background



This preview shows how black text looks on a background with the RYB color 157, 121, 185.

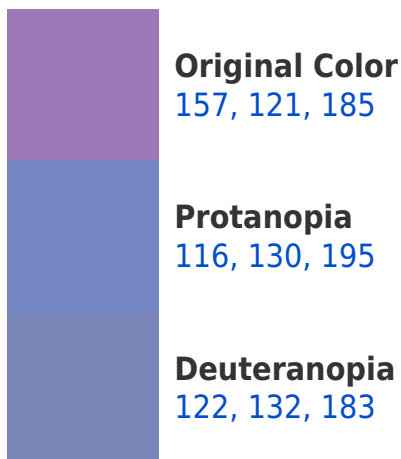


This preview shows how white text looks on a background with the RYB color 157, 121, 185.

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





Tritanopia
150, 130, 140

Trichromacy



Original Color

157, 121, 185

Protanomaly

131, 129, 191

Deuteranomaly

135, 129, 184

Tritanomaly

153, 127, 156

Monochromacy



Original Color

157, 121, 185

Achromatopsia

139, 139, 139

Achromatomaly

146, 132, 156

CSS Examples

Text

The CSS property to change the color of the text to RYB 157, 121, 185 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(157, 121, 185)` looks like.

```
.text, #text, p{  
    color:rgb(157, 121, 185)  
}
```

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(157, 121, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 121, 185) }
```

Border

The CSS property to change the border of an element to RYB 157, 121, 185 is called "border". The border property can be set on classes, ids or directly on the HTML element.

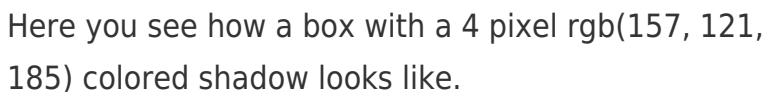
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 121, 185) }
```

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

```
.border{ border-color:rgb(157, 121, 185) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 121, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 121, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 121, 185); box-shadow:4px 4px 4px 4px rgb(157, 121, 185) }
```

Background

The CSS property to change the background color of an element to RYB 157, 121, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 121, 185) }
```

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

```
.background{ background-color: rgb(157,  
121, 185) }
```

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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