

Converting Colors

`RYB(147, 79, 159)`

Have a look what the booklet for
RYB(147, 79, 159) contains.

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Color

R_YB(147, 79, 159)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 934F9F |
| RGB | 147, 79, 159 |
| RGB Percent | 58%, 31%, 62% |
| CMY | 0.4235, 0.6902, 0.3765 |
| CMYK | 0.08, 0.50, 0.00, 0.38 |
| HSL | 291°, 34%, 47% |
| HSV | 291°, 50%, 62% |
| XYZ | 21.0866, 14.2982, 34.4493 |
| YIQ | 108.4520, 14.8480, 39.2960 |

Conversions

Conversions Part 2

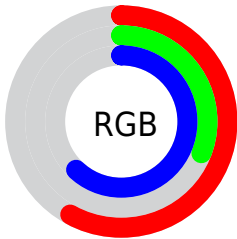
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 147, 79, 159 |
| Decimal | 9654175 |
| CIE _{Lab} | 44.66, 41.23, -31.70 |
| CIE _{LCh} | 45, 52.008, 322.446 |
| Yxy | 14.2982, 0.3020, 0.2047 |
| Android (android.graphics.Color) | 4287844255 (0xFF934F9F) |
| YUV | 108.4520, 24.9202, 33.8066 |
| Hunter-Lab | 37.8130, 33.3688, -27.5468 |

Details

The RYB color **147, 79, 159** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **79, 159, 147**, and the grayscale version is **108, 108, 108**.

A 20% lighter version of the original color is **203, 131, 214**, and **94, 29, 107** is the 20% darker color. If you saturate the color by 10%, you get **145, 63, 159**, and if you desaturate by 10%, it is **149, 95, 159**.

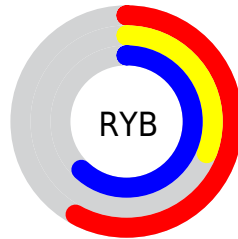
Distribution



Red (58%)

Green (31%)

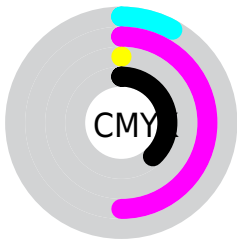
Blue (62%)



Red (58%)

Yellow (31%)

Blue (62%)

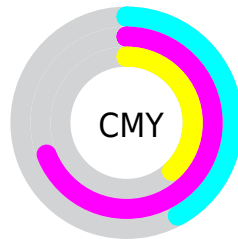


Cyan (8%)

Magenta (50%)

Yellow (0%)

Black (38%)



Cyan (42%)


Magenta (69%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 147, 79, 159 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 147, 79, 159 by changing the saturation by 10% instead.

 147, 79, 159


 147, 79, 159

255, 255, 255

 120, 54, 133

 203, 131, 214

 94, 29, 107

 231, 157, 243

 69, 0, 82

 255, 185, 255

 45, 0, 59

 255, 213, 255

 18, 0, 37

 255, 242, 255

 0, 1, 13

 0, 0, 0

 147, 79, 159


 147, 79, 159

 145, 63, 159

 149, 95, 159

 142, 47, 159

 152, 111, 159

 140, 31, 159

 154, 127, 159

 137, 15, 159

 157, 143, 159

 135, 0, 159

 159, 159, 159

 159, 174, 172

 159, 190, 185

 159, 206, 199

 159, 222, 213

Harmonies

Analogous

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



83, 97, 186



147, 79, 159



177, 63, 118

Triad

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



147, 79, 159



51, 136, 2



0, 66, 138

Complementary

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



147, 79, 159



79, 159, 147

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.



0, 72, 125



147, 79, 159



9, 113, 27

Square

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



147, 79, 159



166, 106, 37



35, 109, 121



0, 72, 174

Rectangle

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



147, 79, 159



183, 62, 89



35, 109, 121



0, 64, 126

Sweetspot

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



147, 79, 159



202, 176, 207



79, 89, 159



102, 86, 105



232, 232, 232



105, 105, 105

Same Dimension

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



147, 79, 159



188, 83, 207



159, 79, 131



78, 71, 79



121, 0, 143



13, 0, 15

Inverse Universe

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



159, 79, 91



207, 83, 101



79, 138, 159



79, 71, 72



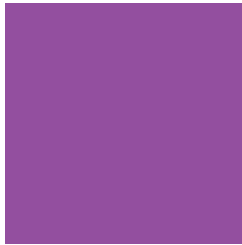
143, 0, 21



15, 0, 2

Previews

White Background



This preview shows how the RYB color 147, 79, 159 looks on a white background.

Color Contrast Check

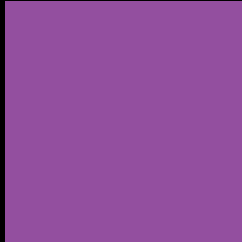
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 147, 79, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

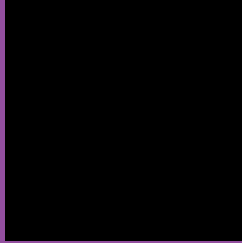
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 147, 79, 159 Background



This preview shows how black text looks on a background with the RYB color 147, 79, 159.

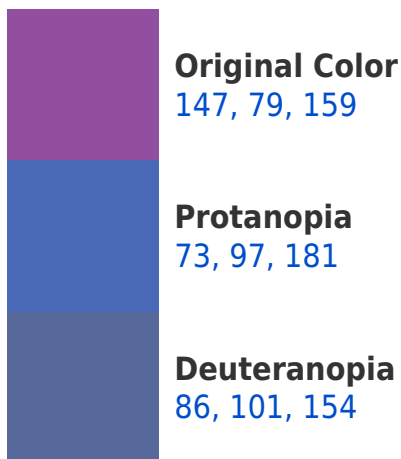


This preview shows how white text looks on a background with the RYB color 147, 79, 159.

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
139, 93, 100

Trichromacy



Original Color

147, 79, 159

Protanomaly

100, 95, 173

Deuteranomaly

108, 96, 156

Tritanomaly

142, 88, 121

Monochromacy



Original Color

147, 79, 159

Achromatopsia

108, 108, 108

Achromatomaly

122, 97, 127

CSS Examples

Text

The CSS property to change the color of the text to RYB 147, 79, 159 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(147, 79, 159)` looks like.

```
.text, #text, p{  
    color:rgb(147, 79, 159)  
}
```

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(147, 79, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 79, 159) }
```

Border

The CSS property to change the border of an element to RYB 147, 79, 159 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(147, 79, 159) }
```

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

```
.border{ border-color:rgb(147, 79, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 79, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 79, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 79, 159); box-shadow:4px 4px 4px 4px rgb(147, 79, 159) }
```

Background

The CSS property to change the background color of an element to RGB 147, 79, 159 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 79, 159) }
```

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

```
.background{ background-color: rgb(147, 79,  
159) }
```

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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