

Converting Colors

RGB(159, 95, 171)

Have a look what the booklet for
RGB(159, 95, 171) contains.

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Color

RGB(159, 95, 171)

Conversions

Conversions Part 1

Format	Color
Hex	9F5FAB
RGB	159, 95, 171
RGB Percent	62%, 37%, 67%
CMY	0.3765, 0.6275, 0.3294
CMYK	0.07, 0.44, 0.00, 0.33
HSL	291°, 31%, 52%
HSV	291°, 44%, 67%
XYZ	25.7410, 18.4956, 40.7414
YIQ	122.8000, 13.7480, 37.2040

Conversions

Conversions Part 2

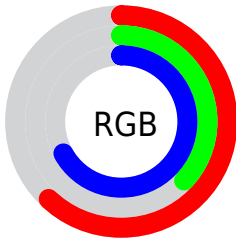
Format	Color
R_{YB}	159, 95, 171
Decimal	10444715
CIE _{Lab}	50.09, 38.61, -30.17
CIE _{LCh}	50, 49.002, 322.001
Yxy	18.4956, 0.3029, 0.2177
Android (android.graphics.Color)	4288634795 (0xFF9F5FAB)
YUV	122.8000, 23.7626, 31.7474
Hunter-Lab	43.0065, 31.5773, -26.0626

Details

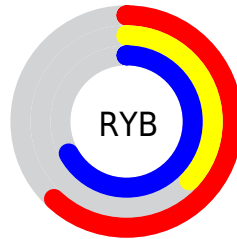
The RGB color **159, 95, 171** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **107, 171, 95**, and the grayscale version is **123, 123, 123**.

A 20% lighter version of the original color is **215, 147, 227**, and **106, 45, 118** is the 20% darker color. If you saturate the color by 10%, you get **156, 78, 171**, and if you desaturate by 10%, it is **162, 112, 171**.

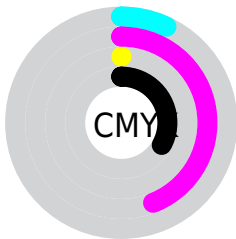
Distribution



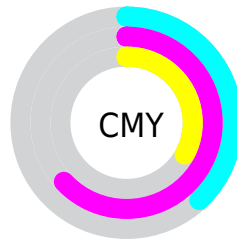
- Red (62%)
- Green (37%)
- Blue (67%)



- Red (62%)
- Yellow (37%)
- Blue (67%)



- Cyan (7%)
- Magenta (44%)
- Yellow (0%)
- Black (33%)



- Cyan (38%)
- Magenta (63%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 159, 95, 171 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 RGB color 159, 95, 171 by changing the saturation by 10% instead.

 159, 95, 171

255, 255, 255

 215, 147, 227

 244, 174, 255

 255, 202, 255

 255, 231, 255


 159, 95, 171

 156, 78, 171

 159, 95, 171

 132, 70, 144

 106, 45, 118

 80, 20, 93


 55, 0, 69

 36, 0, 47

 0, 1, 25

 0, 0, 0

 159, 95, 171

 162, 112, 171

■ 154, 61, 171

■ 164, 129, 171

■ 151, 44, 171

■ 167, 146, 171

■ 148, 27, 171

■ 170, 163, 171

■ 146, 10, 171

■ 172, 180, 171

■ 144, 0, 171

■ 175, 198, 171

■ 178, 215, 171

■ 181, 232, 171

■ 183, 249, 171

Harmonies

Analogous

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



100, 113, 197



159, 95, 171



189, 82, 132

Triad

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



159, 95, 171



151, 113, 30



0, 139, 149

Complementary

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



159, 95, 171



107, 171, 95

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, 139, 106



159, 95, 171



111, 126, 35

Square

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



159, 95, 171



180, 97, 54



59, 134, 65



0, 136, 184

Rectangle

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



159, 95, 171



195, 81, 104



59, 134, 65



0, 139, 135

Sweetspot

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



159, 95, 171



217, 193, 222



95, 108, 171



109, 94, 112



240, 240, 240



112, 112, 112

Same Dimension

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



159, 95, 171



203, 104, 222



171, 95, 146



85, 78, 87



127, 0, 150



19, 0, 23

Inverse Universe

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



171, 95, 107



222, 104, 123



95, 171, 120



87, 78, 79



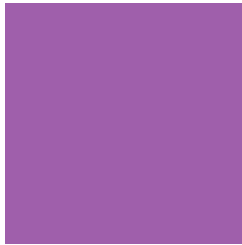
150, 0, 24



23, 0, 4

Previews

White Background



This preview shows how the RGB color 159, 95, 171 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 RGB color 159, 95, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

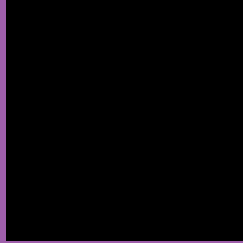
Any Text WCAG AA ✓ Pass

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](#).

RGB 159, 95, 171 Background



This preview shows how black text looks on a background with the RGB color 159, 95, 171.

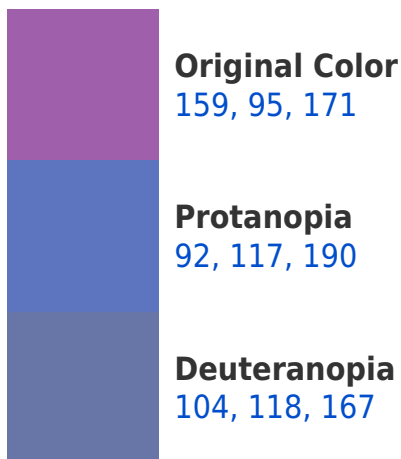



This preview shows how white text looks on a background with the RGB color 159, 95, 171.

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
151, 107, 116

Trichromacy



Original Color
159, 95, 171



Protanomaly
116, 109, 183



Deuteranomaly
124, 110, 168



Tritanomaly
154, 103, 136

Monochromacy



Original Color
159, 95, 171



Achromatopsia
123, 123, 123



Achromatomaly
136, 113, 140

CSS Examples

Text

The CSS property to change the color of the text to RGB 159, 95, 171 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, 95, 171) looks like.

```
.text, #text, p{  
    color:rgb(159, 95, 171)  
}
```

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, 95, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 95, 171) }
```

Border

The CSS property to change the border of an element to RGB 159, 95, 171 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, 95, 171) }
```

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

```
.border{ border-color:rgb(159, 95, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 95, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 95, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 95, 171);  
box-shadow:4px 4px 4px 4px rgb(159, 95,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 159, 95, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 95, 171) }
```

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

```
.background{ background-color: rgb(159, 95,  
171) }
```

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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