

Converting Colors

`RYB(155, 119, 172)`

Have a look what the booklet for
RYB(155, 119, 172) contains.

RYB(155, 119, 172)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(155, 119, 172)

Conversions

Conversions Part 1

Format	Color
Hex	9B77AC
RGB	155, 119, 172
RGB Percent	61%, 47%, 67%
CMY	0.3922, 0.5333, 0.3255
CMYK	0.10, 0.31, 0.00, 0.33
HSL	281°, 24%, 57%
HSV	281°, 31%, 67%
XYZ	27.5608, 23.1408, 42.0437
YIQ	135.8060, 4.4430, 24.1150

Conversions

Conversions Part 2

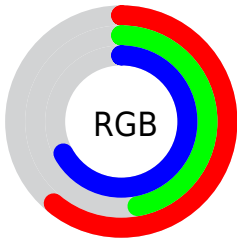
Format	Color
R_{YB}	155, 119, 172
Decimal	10188716
CIE _{Lab}	55.22, 23.97, -22.85
CIE _{LCh}	55, 33.120, 316.374
Yxy	23.1408, 0.2972, 0.2495
Android (android.graphics.Color)	4288378796 (0xFF9B77AC)
YUV	135.8060, 17.8436, 16.8331
Hunter-Lab	48.1049, 18.0848, -18.1462

Details

The RYB color **155, 119, 172** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **119, 172, 155**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **210, 172, 228**, and **103, 70, 120** is the 20% darker color. If you saturate the color by 10%, you get **149, 102, 172**, and if you desaturate by 10%, it is **161, 136, 172**.

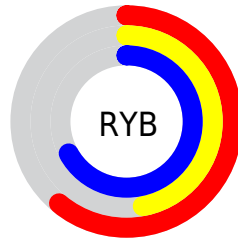
Distribution



Red (61%)

Green (47%)

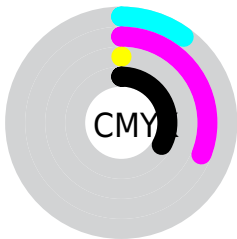
Blue (67%)



Red (61%)

Yellow (47%)

Blue (67%)

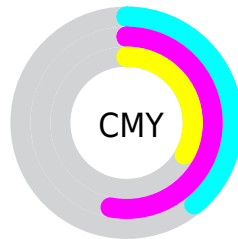


Cyan (10%)

Magenta (31%)

Yellow (0%)

Black (33%)



Cyan (39%)

Magenta (53%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 155, 119, 172 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 155, 119, 172 by changing the saturation by 10% instead.

 155, 119, 172

255, 255, 255

 210, 172, 228

 239, 199, 255


 255, 227, 255

 155, 119, 172

 129, 94, 145

 103, 70, 120

 78, 47, 95

 55, 25, 71

 32, 2, 48

 0, 0, 27

 0, 0, 0

 155, 119, 172


 149, 102, 172


 155, 119, 172


 161, 136, 172

 144, 85, 172

 166, 153, 172

 138, 67, 172

 172, 171, 172

 133, 50, 172


 172, 188, 183

 127, 33, 172

 172, 205, 194

 122, 16, 172

 172, 222, 206

 117, 0, 172

 172, 239, 217

 172, 255, 228

 172, 255, 222

Harmonies

Analogous

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



116, 128, 187



155, 119, 172



180, 111, 147

Triad

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



155, 119, 172



138, 162, 76



4, 76, 147

Complementary

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



155, 119, 172



119, 172, 155

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.



65, 115, 147



155, 119, 172



76, 135, 76

Square

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



155, 119, 172



181, 125, 92



92, 143, 132



0, 79, 173

Rectangle

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



155, 119, 172



187, 109, 127



92, 143, 132



32, 92, 147

Sweetspot

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



155, 119, 172



218, 204, 224



119, 132, 172



108, 100, 112



240, 240, 240



112, 112, 112

Same Dimension

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



155, 119, 172



198, 141, 224



172, 119, 163



84, 78, 87



102, 0, 150



16, 0, 23

Inverse Universe

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



172, 119, 136



224, 141, 168



119, 164, 172



87, 78, 81



150, 0, 48



23, 0, 7

Previews

White Background



This preview shows how the RYB color 155, 119, 172 looks on a white background.

Color Contrast Check

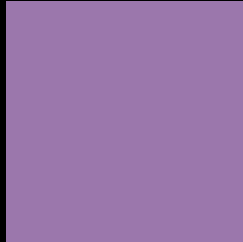
Large Text (above 18pt) WCAG AA ✓ Pass

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 155, 119, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

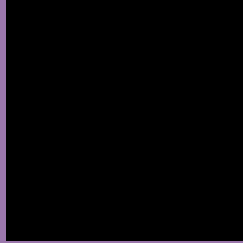
Any Text WCAG AA ✓ Pass

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 155, 119, 172 Background



This preview shows how black text looks on a background with the RYB color 155, 119, 172.



This preview shows how white text looks on a background with the RYB color 155, 119, 172.

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
155, 119, 172

Protanopia
118, 129, 181

Deuteranopia
125, 130, 170



Tritanopia
149, 126, 136

Trichromacy



Original Color
155, 119, 172

Protanomaly
131, 127, 178

Deuteranomaly
136, 126, 171

Tritanomaly
151, 123, 149

Monochromacy



Original Color
155, 119, 172

Achromatopsia
136, 136, 136

Achromatomaly
143, 130, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 155, 119, 172 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(155, 119, 172)` looks like.

```
.text, #text, p{  
    color:rgb(155, 119, 172)  
}
```

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(155, 119, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 119, 172) }
```

Border

The CSS property to change the border of an element to RYB 155, 119, 172 is called "border". The border property can be set on classes, ids or directly on the HTML element.

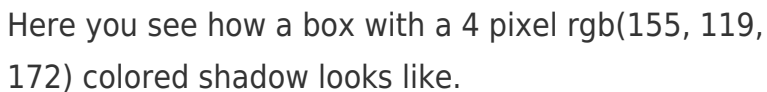
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 119, 172) }
```

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

```
.border{ border-color:rgb(155, 119, 172) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 119, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 119, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 119, 172);  
box-shadow:4px 4px 4px 4px rgb(155, 119,  
172) }
```

Background

The CSS property to change the background color of an element to RYB 155, 119, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 119, 172) }
```

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

```
.background{ background-color: rgb(155,  
119, 172) }
```

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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