

Converting Colors

$Y_{xy}(16.4972, 0.3258, 0.2326)$

Have a look what the booklet for
Yxy(16.4972, 0.3258, 0.2326)
contains.

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Color

Yxy(16.3819, 0.3255, 0.2321)

Conversions

Conversions Part 1

Format	Color
Hex	9D5897
RGB	157, 88, 151
RGB Percent	62%, 35%, 59%
CMY	0.3845, 0.6548, 0.4079
CMYK	0.00, 0.44, 0.04, 0.38
HSL	305°, 28%, 48%
HSV	305°, 44%, 62%
XYZ	22.9742, 16.3819, 31.2251
YIQ	115.8130, 20.9010, 34.2210

Conversions

Conversions Part 2

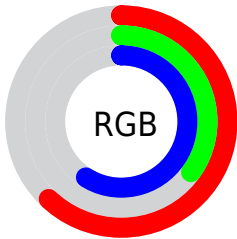
Format	Color
R_{YB}	157, 88, 151
Decimal	10311831
CIE _{Lab}	47.47, 37.88, -22.46
CIE _{LCh}	47, 44.033, 329.337
Yxy	16.3819, 0.3255, 0.2321
Android (android.graphics.Color)	4288501911 (0xFF9D5897)
YUV	115.8130, 17.3472, 36.1210
Hunter-Lab	40.4746, 30.4898, -17.4086

Details

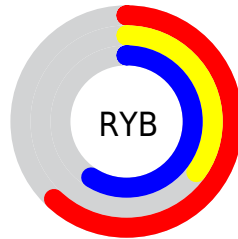
The Yxy color **16.3819, 0.3255, 0.2321** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **26.9858, 0.3020, 0.4503**, and the grayscale version is **17.3473, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.3101, 0.3241, 0.2528**, and **5.2494, 0.3276, 0.1976** is the 20% darker color. If you saturate the color by 10%, you get **14.0324, 0.3289, 0.2126**, and if you desaturate by 10%, it is **19.2883, 0.3222, 0.2535**.

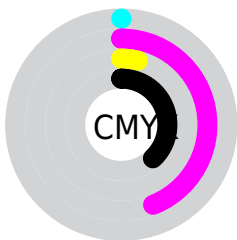
Distribution



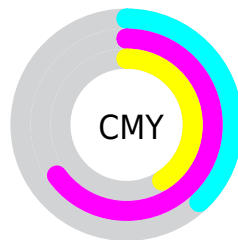
- Red (62%)
- Green (35%)
- Blue (59%)



- Red (62%)
- Yellow (35%)
- Blue (59%)



- Cyan (0%)
- Magenta (44%)
- Yellow (4%)
- Black (38%)





- Cyan (38%)
- Magenta (65%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.3819, 0.3255, 0.2321 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 Yxy color 16.3819, 0.3255, 0.2321 by changing the saturation by 10% instead.


 16.3819, 0.3255,
0.2321


 16.3819, 0.3255,
0.2321


231.5848, 0.3197,
0.2846

 9.7948, 0.3266,
0.2177


 37.2599, 0.3236,
0.2522


 5.2631, 0.3275,
0.1984


 52.3197, 0.3228,
0.2594

 2.4025, 0.3280,
0.1715

 70.9724, 0.3222,
0.2654

 0.8272, 0.3264,
0.1321

 93.6025, 0.3215,
0.2705

 0.0000, 0.3367,
0.0000

 120.5944, 0.3210,
0.2748

 0.0000, 0.0000,
0.0000

152.3325, 0.3205,

0.2785

189.2012, 0.3201,
0.2818

■ 16.3819, 0.3255,
0.2321

■ 16.3819, 0.3255,
0.2321

■ 14.0324, 0.3289,
0.2126

■ 19.2883, 0.3222,
0.2535

■ 12.2015, 0.3324,
0.1958

■ 22.7821, 0.3191,
0.2758

■ 10.8499, 0.3358,
0.1826


■ 26.8942, 0.3162,
0.2984


■ 9.9315, 0.3390,
0.1735

■ 31.6527, 0.3136,
0.3205


■ 9.3911, 0.3419,
0.1686


■ 37.0842, 0.3114,
0.3418

 9.1586, 0.3437,
0.1667

 43.2135, 0.3093,
0.3619

 50.0642, 0.3076,
0.3806

 57.6591, 0.3060,
0.3979

 66.0195, 0.3047,
0.4137

Harmonies

Analogous

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



16.3819, 0.2447, 0.2050



16.3819, 0.3255, 0.2321



16.3819, 0.4141, 0.2785

Triad

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



16.3819, 0.3255, 0.2321



16.3819, 0.4368, 0.4570



16.3819, 0.1739, 0.2880

Complementary

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



16.3819, 0.3255, 0.2321



26.9858, 0.3020, 0.4503

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.



16.3819, 0.2131, 0.3795



16.3819, 0.3255, 0.2321



16.3819, 0.3640, 0.4900

Square

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



16.3819, 0.3255, 0.2321



16.3819, 0.4800, 0.3986



16.3819, 0.2821, 0.4641



16.3819, 0.1674, 0.2277

Rectangle

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



16.3819, 0.3255, 0.2321



16.3819, 0.4594, 0.3163



16.3819, 0.2821, 0.4641



16.3819, 0.1832, 0.3160

Sweetspot

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



16.3826, 0.3255, 0.2321



48.7218, 0.3160, 0.2999



11.7849, 0.2387, 0.1985



10.3609, 0.3166, 0.2953



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



16.3826, 0.3255, 0.2321



25.1047, 0.3290, 0.2124



15.4271, 0.3766, 0.2822



6.7447, 0.3150, 0.3088



7.4450, 0.3435, 0.1666



0.1357, 0.3335, 0.1611

Inverse Universe

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



16.3826, 0.3255, 0.2321



25.1047, 0.3290, 0.2124



27.7425, 0.2756, 0.3824



6.7447, 0.3150, 0.3088



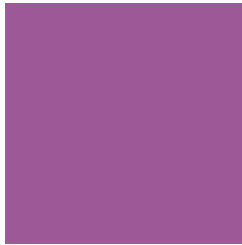
7.4450, 0.3435, 0.1666



0.1357, 0.3335, 0.1611

Previews

White Background



This preview shows how the Yxy color 16.3819, 0.3255, 0.2321 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 Yxy color 16.3819, 0.3255, 0.2321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

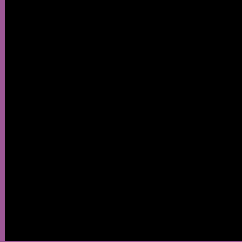
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.3819, 0.3255, 0.2321

Background



This preview shows how black text looks on a background with the Yxy color 16.3819, 0.3255, 0.2321.



This preview shows how white text looks on a background with the Yxy color 16.3819, 0.3255, 0.2321.

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

16.3819, 0.3255, 0.2321

Protanopia

16.5606, 0.2354, 0.2246

Deuteranopia

16.5396, 0.2667, 0.2611



Tritanopia

16.3346, 0.3822, 0.3172

Trichromacy



Original Color

16.3819, 0.3255, 0.2321

Protanomaly

16.0221, 0.2620, 0.2260

Deuteranomaly

16.1986, 0.2869, 0.2492

Tritanomaly

16.1829, 0.3605, 0.2825

Monochromacy



Original Color

16.3819, 0.3255, 0.2321

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

16.7183, 0.3174, 0.2872

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.3819, 0.3255, 0.2321 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, 88, 151)` looks like.

```
.text, #text, p{  
    color:rgb(157, 88, 151)  
}
```

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, 88, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 88, 151) }
```

Border

The CSS property to change the border of an element to Yxy 16.3819, 0.3255, 0.2321 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, 88, 151) }
```

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

```
.border{ border-color:rgb(157, 88, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 88, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 88, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 88, 151);  
box-shadow:4px 4px 4px 4px rgb(157, 88,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 16.3819, 0.3255, 0.2321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 88, 151) }
```

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

```
.background{ background-color: rgb(157, 88,  
151) }
```

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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