

Converting Colors

$Yxy(16.9433, 0.3431, 0.2320)$

Have a look what the booklet for
Yxy(16.9433, 0.3431, 0.2320)
contains.

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Color

Yxy(17.0100, 0.3424, 0.2319)

Conversions

Conversions Part 1

Format	Color
Hex	A95497
RGB	169, 84, 151
RGB Percent	66%, 33%, 59%
CMY	0.3373, 0.6705, 0.4080
CMYK	0.00, 0.50, 0.11, 0.34
HSL	313°, 34%, 50%
HSV	313°, 50%, 66%
XYZ	25.1152, 17.0100, 31.2253
YIQ	117.0530, 29.1530, 38.8570

Conversions

Conversions Part 2

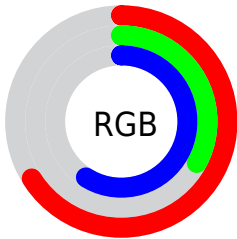
Format	Color
R _Y B	169, 84, 151
Decimal	11097239
CIE Lab	48.27, 43.81, -21.08
CIE LCh	48, 48.619, 334.311
Yxy	17.0100, 0.3424, 0.2319
Android (android.graphics.Color)	4289287319 (0xFFA95497)
YUV	117.0530, 16.7359, 45.5575
Hunter-Lab	41.2432, 36.5229, -16.0184

Details

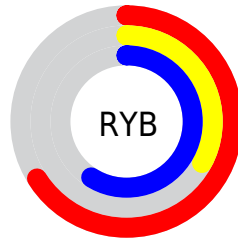
The Yxy color **17.0100, 0.3424, 0.2319** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **31.2188, 0.2934, 0.4524**, and the grayscale version is **17.7479, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.4678, 0.3371, 0.2526**, and **5.5980, 0.3518, 0.1992** is the 20% darker color. If you saturate the color by 10%, you get **14.5812, 0.3503, 0.2158**, and if you desaturate by 10%, it is **20.0768, 0.3351, 0.2502**.

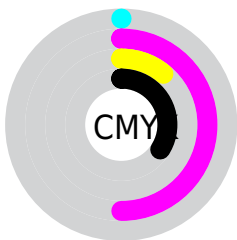
Distribution



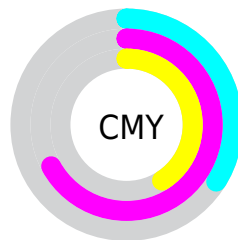
- Red (66%)
- Green (33%)
- Blue (59%)



- Red (66%)
- Yellow (33%)
- Blue (59%)



- Cyan (0%)
- Magenta (50%)
- Yellow (11%)
- Black (34%)





- Cyan (34%)
- Magenta (67%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.0100, 0.3424, 0.2319 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 17.0100, 0.3424, 0.2319 by changing the saturation by 10% instead.


 17.0100, 0.3424,
0.2319


 17.0100, 0.3424,
0.2319


235.2300, 0.3270,
0.2841


 10.2416, 0.3463,
0.2177


 38.3430, 0.3367,
0.2517


 5.5595, 0.3513,
0.1988


 53.6763, 0.3346,
0.2589


 2.5791, 0.3578,
0.1727

 72.6335, 0.3328,
0.2649

 0.9162, 0.3660,
0.1348

 95.5989, 0.3313,
0.2700

 0.0000, 0.4065,
0.0000

 122.9568, 0.3300,
0.2743

 0.0000, 0.0000,
0.0000

155.0917, 0.3289,

0.2780

192.3880, 0.3279,
0.2813

■ 17.0100, 0.3424,
0.2319

■ 17.0100, 0.3424,
0.2319

■ 14.5812, 0.3503,
0.2158

■ 20.0768, 0.3351,
0.2502

■ 12.7417, 0.3585,
0.2027

■ 23.8209, 0.3284,
0.2698

■ 11.4396, 0.3668,
0.1937

■ 28.2812, 0.3225,
0.2897

■ 10.6130, 0.3749,
0.1891

■ 33.4931, 0.3173,
0.3094

■ 10.1319, 0.3826,
0.1881

■ 39.4895, 0.3128,
0.3285

■ 46.3015, 0.3090,
0.3465

■ 53.9583, 0.3057,
0.3634

■ 62.4878, 0.3030,
0.3790

■ 71.9165, 0.3007,
0.3935

Harmonies

Analogous

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



17.0100, 0.2515, 0.1994



17.0100, 0.3424, 0.2319



17.0100, 0.4372, 0.2836

Triad

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



17.0100, 0.3424, 0.2319



17.0100, 0.4335, 0.4746



17.0100, 0.1603, 0.2698

Complementary

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



17.0100, 0.3424, 0.2319



31.2188, 0.2934, 0.4524

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.



17.0100, 0.1952, 0.3658



17.0100, 0.3424, 0.2319



17.0100, 0.3516, 0.5057

Square

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



17.0100, 0.3424, 0.2319



17.0100, 0.4884, 0.4124



17.0100, 0.2643, 0.4661



17.0100, 0.1592, 0.2124

Rectangle

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



17.0100, 0.3424, 0.2319



17.0100, 0.4812, 0.3244



17.0100, 0.2643, 0.4661



17.0100, 0.1679, 0.2980

Sweetspot

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



17.0108, 0.3424, 0.2319



55.1652, 0.3198, 0.2997



11.9748, 0.2354, 0.1796



11.6197, 0.3209, 0.2957



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



17.0108, 0.3424, 0.2319



25.8192, 0.3509, 0.2146



15.8925, 0.4079, 0.2905



7.6390, 0.3168, 0.3114



7.5600, 0.3818, 0.1877



0.1906, 0.3583, 0.1747

Inverse Universe

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



17.0108, 0.3424, 0.2319



25.8192, 0.3509, 0.2146



32.2571, 0.2646, 0.3738



7.6390, 0.3168, 0.3114



7.5600, 0.3818, 0.1877



0.1906, 0.3583, 0.1747

Previews

White Background



This preview shows how the Yxy color 17.0100, 0.3424, 0.2319 looks on a white background.

Color Contrast Check

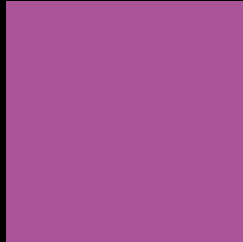
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.0100, 0.3424, 0.2319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

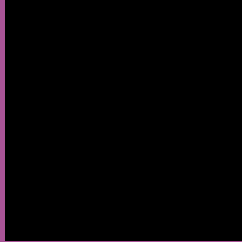
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.0100, 0.3424, 0.2319

Background



This preview shows how black text looks on a background with the Yxy color 17.0100, 0.3424, 0.2319.



This preview shows how white text looks on a background with the Yxy color 17.0100, 0.3424, 0.2319.

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

17.0100, 0.3424, 0.2319

Protanopia

17.2459, 0.2334, 0.2216

Deuteranopia

17.2006, 0.2725, 0.2674



Tritanopia

17.0362, 0.4071, 0.3182

Trichromacy



Original Color

17.0100, 0.3424, 0.2319

Protanomaly

16.3209, 0.2636, 0.2204

Deuteranomaly

16.4662, 0.2944, 0.2491

Tritanomaly

16.9452, 0.3833, 0.2841

Monochromacy



Original Color

17.0100, 0.3424, 0.2319

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

16.9224, 0.3242, 0.2863

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0100, 0.3424, 0.2319 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(169, 84, 151)` looks like.

```
.text, #text, p{  
    color:rgb(169, 84, 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(169, 84, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 84, 151) }
```

Border

The CSS property to change the border of an element to Yxy 17.0100, 0.3424, 0.2319 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(169, 84, 151) }
```

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

```
.border{ border-color:rgb(169, 84, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 84, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 84, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 84, 151);  
box-shadow:4px 4px 4px 4px rgb(169, 84,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 17.0100, 0.3424, 0.2319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 84, 151) }
```

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

```
.background{ background-color: rgb(169, 84,  
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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