

Converting Colors

$Y_{xy}(16.6144, 0.3005, 0.2330)$

Have a look what the booklet for
Yxy(16.6144, 0.3005, 0.2330)
contains.

Yxy(16.5719, 0.3015, 0.2331)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(16.5719, 0.3015, 0.2331)

Conversions

Conversions Part 1

Format	Color
Hex	8F609B
RGB	143, 96, 155
RGB Percent	56%, 38%, 61%
CMY	0.4390, 0.6236, 0.3921
CMYK	0.08, 0.38, 0.00, 0.39
HSL	288°, 24%, 49%
HSV	288°, 38%, 61%
XYZ	21.4347, 16.5719, 33.0869
YIQ	116.7790, 9.0730, 28.3130

Conversions

Conversions Part 2

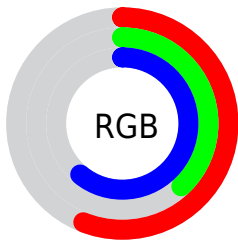
Format	Color
R_{YB}	143, 96, 155
Decimal	9396379
CIE _{Lab}	47.72, 29.70, -24.61
CIE _{LCh}	48, 38.572, 320.364
Yxy	16.5719, 0.3015, 0.2331
Android (android.graphics.Color)	4287586459 (0xFF8F609B)
YUV	116.7790, 18.8430, 22.9958
Hunter-Lab	40.7086, 22.7473, -19.6934

Details

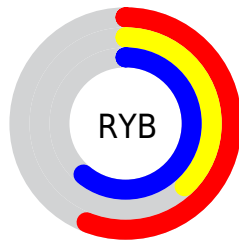
The Yxy color **16.5719, 0.3015, 0.2331** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **27.4771, 0.3187, 0.4375**, and the grayscale version is **17.6564, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.5263, 0.3050, 0.2524**, and **5.3375, 0.2924, 0.1983** is the 20% darker color. If you saturate the color by 10%, you get **13.7417, 0.2973, 0.2082**, and if you desaturate by 10%, it is **19.9691, 0.3052, 0.2589**.

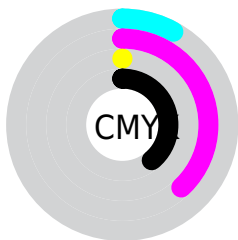
Distribution



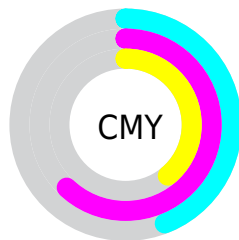
- Red (56%)
- Green (38%)
- Blue (61%)



- Red (56%)
- Yellow (38%)
- Blue (61%)



- Cyan (8%)
- Magenta (38%)
- Yellow (0%)
- Black (39%)





- Cyan (44%)
- Magenta (62%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.5719, 0.3015, 0.2331 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 16.5719, 0.3015, 0.2331 by changing the saturation by 10% instead.


 16.5719, 0.3015,
0.2331


 16.5719, 0.3015,
0.2331


232.6931, 0.3093,
0.2853


 9.9297, 0.2985,
0.2187


 37.5882, 0.3050,
0.2531

 5.3524, 0.2940,
0.1994


 52.7312, 0.3061,
0.2603

 2.4555, 0.2863,
0.1724

 71.4766, 0.3069,
0.2663

 0.8542, 0.2718,
0.1330

 94.2087, 0.3076,
0.2713

 0.0000, 0.2407,
0.0000

121.3121, 0.3082,
0.2756

 0.0000, 0.0000,
0.0000

153.1710, 0.3086,

0.2792

190.1699, 0.3090,
0.2825

■ 16.5719, 0.3015,
0.2331

■ 16.5719, 0.3015,
0.2331

■ 13.7417, 0.2973,
0.2082

■ 19.9691, 0.3052,
0.2589

■ 11.4433, 0.2926,
0.1852

■ 23.9614, 0.3083,
0.2846

■ 9.6411, 0.2876,
0.1650

■ 28.5778, 0.3110,
0.3096

■ 8.2938, 0.2824,
0.1485

■ 33.8446, 0.3131,
0.3334

■ 7.3536, 0.2770,
0.1363

■ 39.7865, 0.3148,
0.3558

6.7318, 0.2718,
0.1280

46.4271, 0.3161,
0.3764

6.6227, 0.2708,
0.1265

53.7888, 0.3171,
0.3953

61.8928, 0.3179,
0.4125

70.7598, 0.3184,
0.4281

Harmonies

Analogous

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



16.5719, 0.2357, 0.2149



16.5719, 0.3015, 0.2331



16.5719, 0.3796, 0.2707

Triad

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



16.5719, 0.3015, 0.2331



16.5719, 0.4386, 0.4304



16.5719, 0.1969, 0.3164

Complementary

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



16.5719, 0.3015, 0.2331



27.4771, 0.3187, 0.4375

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.



16.5719, 0.2416, 0.3975



16.5719, 0.3015, 0.2331



16.5719, 0.3810, 0.4659

Square

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



16.5719, 0.3015, 0.2331



16.5719, 0.4635, 0.3770



16.5719, 0.3088, 0.4581



16.5719, 0.1816, 0.2532

Rectangle

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



16.5719, 0.3015, 0.2331



16.5719, 0.4251, 0.3033



16.5719, 0.3088, 0.4581



16.5719, 0.2086, 0.3428

Sweetspot

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



16.5726, 0.3015, 0.2331



48.4599, 0.3102, 0.3019



15.7403, 0.2485, 0.2417



10.7312, 0.3099, 0.2988



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.



16.5726, 0.3015, 0.2331



25.1562, 0.2978, 0.2111



17.1748, 0.3392, 0.2611



6.2604, 0.3107, 0.3068



5.3343, 0.2712, 0.1268



0.0940, 0.2949, 0.1398

Inverse Universe

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



16.4129, 0.3844, 0.3092



24.9180, 0.4100, 0.3048



27.1196, 0.2939, 0.4086



6.2421, 0.3253, 0.3245



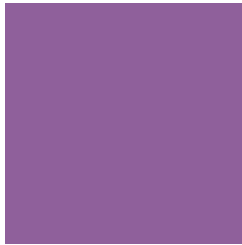
5.6831, 0.6019, 0.3090



0.0893, 0.5072, 0.2568

Previews

White Background



This preview shows how the Yxy color 16.5719, 0.3015, 0.2331 looks on a white background.

Color Contrast Check

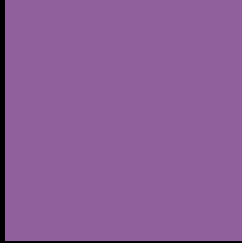
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.5719, 0.3015, 0.2331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

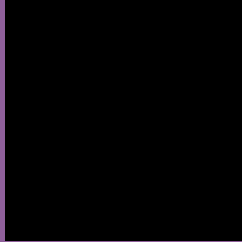
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.5719, 0.3015, 0.2331

Background



This preview shows how black text looks on a background with the Yxy color 16.5719, 0.3015, 0.2331.



This preview shows how white text looks on a background with the Yxy color 16.5719, 0.3015, 0.2331.

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

16.5719, 0.3015, 0.2331

Protanopia

16.8484, 0.2382, 0.2283

Deuteranopia

16.7389, 0.2591, 0.2543



Tritanopia

16.6138, 0.3473, 0.3145

Trichromacy



Original Color

16.5719, 0.3015, 0.2331

Protanomaly

16.3972, 0.2573, 0.2287

Deuteranomaly

16.4595, 0.2735, 0.2450

Tritanomaly

16.5502, 0.3301, 0.2832

Monochromacy



Original Color

16.5719, 0.3015, 0.2331

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.0116, 0.3081, 0.2884

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.5719, 0.3015, 0.2331 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(143, 96, 155)` looks like.

```
.text, #text, p{  
    color:rgb(143, 96, 155)  
}
```

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(143, 96, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 96, 155) }
```

Border

The CSS property to change the border of an element to Yxy 16.5719, 0.3015, 0.2331 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(143, 96, 155) }
```

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

```
.border{ border-color:rgb(143, 96, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 96, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 96, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 96, 155);  
box-shadow:4px 4px 4px 4px rgb(143, 96,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 16.5719, 0.3015, 0.2331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 96, 155) }
```

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

```
.background{ background-color: rgb(143, 96,  
155) }
```

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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