

Converting Colors

$Yxy(16.9641, 0.3074, 0.2451)$

Have a look what the booklet for
Yxy(16.9641, 0.3074, 0.2451)
contains.

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Color

Yxy(16.9653, 0.3074, 0.2449)

Conversions

Conversions Part 1

Format	Color
Hex	8F6396
RGB	143, 99, 150
RGB Percent	56%, 39%, 59%
CMY	0.4392, 0.6118, 0.4117
CMYK	0.05, 0.34, 0.00, 0.41
HSL	292°, 20%, 49%
HSV	292°, 34%, 59%
XYZ	21.2949, 16.9653, 31.0141
YIQ	117.9700, 9.8530, 25.1890

Conversions

Conversions Part 2

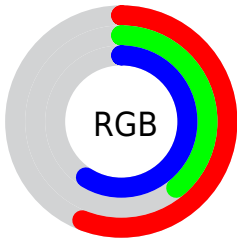
Format	Color
R_{YB}	143, 99, 150
Decimal	9397142
CIE _{Lab}	48.22, 26.89, -20.87
CIE _{LCh}	48, 34.038, 322.174
Yxy	16.9653, 0.3074, 0.2449
Android (android.graphics.Color)	4287587222 (0xFF8F6396)
YUV	117.9700, 15.7908, 21.9513
Hunter-Lab	41.1890, 20.2050, -15.8115

Details

The Yxy color **16.9653, 0.3074, 0.2449** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.7854, 0.3150, 0.4250**, and the grayscale version is **18.0547, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.0426, 0.3092, 0.2624**, and **5.5438, 0.3036, 0.2144** is the 20% darker color. If you saturate the color by 10%, you get **14.2000, 0.3050, 0.2204**, and if you desaturate by 10%, it is **20.2635, 0.3094, 0.2701**.

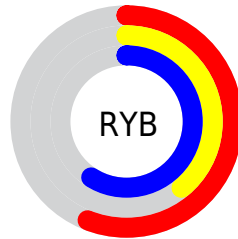
Distribution



Red (56%)

Green (39%)

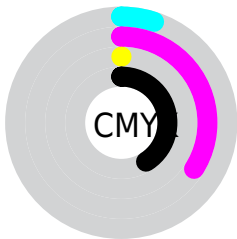
Blue (59%)



Red (56%)

Yellow (39%)

Blue (59%)

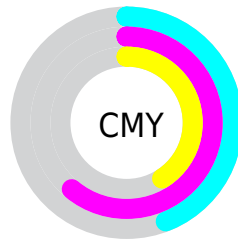


Cyan (5%)

Magenta (34%)

Yellow (0%)

Black (41%)



Cyan (44%)


Magenta (61%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.9653, 0.3074, 0.2449 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 16.9653, 0.3074, 0.2449 by changing the saturation by 10% instead.


 16.9653, 0.3074,
0.2449


 16.9653, 0.3074,
0.2449


234.9723, 0.3115,
0.2910


 10.2098, 0.3057,
0.2320


 38.2661, 0.3094,
0.2627


 5.5383, 0.3029,
0.2145


 53.5802, 0.3099,
0.2690

 2.5664, 0.2979,
0.1897

 72.5158, 0.3104,
0.2743

 0.9098, 0.2879,
0.1523

 95.4575, 0.3107,
0.2787

 0.0000, 0.2692,
0.0000

122.7896, 0.3110,
0.2825

 0.0000, 0.0000,
0.0000

154.8965, 0.3112,

0.2857

192.1626, 0.3114,
0.2885

■ 16.9653, 0.3074,
0.2449

■ 16.9653, 0.3074,
0.2449

■ 14.2000, 0.3050,
0.2204

■ 20.2635, 0.3094,
0.2701

■ 11.9360, 0.3023,
0.1976

■ 24.1196, 0.3110,
0.2952

■ 10.1421, 0.2993,
0.1774


■ 28.5593, 0.3123,
0.3196


■ 8.7822, 0.2960,
0.1606


■ 33.6064, 0.3133,
0.3427

■ 7.8152, 0.2925,
0.1479

■ 39.2831, 0.3140,
0.3645

 7.1914, 0.2890,
0.1395

 45.6109, 0.3145,
0.3845

 6.8984, 0.2869,
0.1354

 52.6097, 0.3148,
0.4030

 60.2990, 0.3149,
0.4197

 68.6974, 0.3150,
0.4349

Harmonies

Analogous

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



16.9653, 0.2476, 0.2274



16.9653, 0.3074, 0.2449



16.9653, 0.3755, 0.2799

Triad

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



16.9653, 0.3074, 0.2449



16.9653, 0.4224, 0.4228



16.9653, 0.2083, 0.3150

Complementary

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



16.9653, 0.3074, 0.2449



25.7854, 0.3150, 0.4250

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.



16.9653, 0.2474, 0.3844



16.9653, 0.3074, 0.2449



16.9653, 0.3708, 0.4499

Square

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



16.9653, 0.3074, 0.2449



16.9653, 0.4453, 0.3767



16.9653, 0.3066, 0.4383



16.9653, 0.1956, 0.2603

Rectangle

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



16.9653, 0.3074, 0.2449



16.9653, 0.4141, 0.3099



16.9653, 0.3066, 0.4383



16.9653, 0.2185, 0.3376

Sweetspot

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



16.9660, 0.3074, 0.2449



45.4142, 0.3115, 0.3046



15.2991, 0.2554, 0.2462



9.8501, 0.3114, 0.3015



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



16.9660, 0.3074, 0.2449



26.0482, 0.3056, 0.2257



17.0804, 0.3402, 0.2739



5.8691, 0.3117, 0.3070



5.7300, 0.2872, 0.1356



0.0791, 0.3048, 0.1453

Inverse Universe

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



16.4512, 0.3787, 0.3171



25.0427, 0.4014, 0.3144



25.7526, 0.2929, 0.3917



5.8276, 0.3262, 0.3260



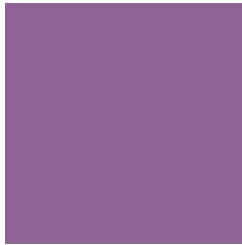
5.4246, 0.6177, 0.3176



0.0689, 0.5398, 0.2748

Previews

White Background



This preview shows how the Yxy color 16.9653, 0.3074, 0.2449 looks on a white background.

Color Contrast Check

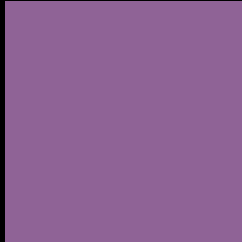
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.9653, 0.3074, 0.2449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

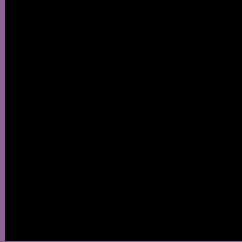
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.9653, 0.3074, 0.2449

Background



This preview shows how black text looks on a background with the Yxy color 16.9653, 0.3074, 0.2449.



This preview shows how white text looks on a background with the Yxy color 16.9653, 0.3074, 0.2449.

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

16.9653, 0.3074, 0.2449

Protanopia

17.0928, 0.2486, 0.2415

Deuteranopia

17.1680, 0.2704, 0.2656



Tritanopia

16.9262, 0.3471, 0.3146

Trichromacy



Original Color

16.9653, 0.3074, 0.2449

Protanomaly

16.8724, 0.2676, 0.2421

Deuteranomaly

16.9282, 0.2825, 0.2572

Tritanomaly

16.8083, 0.3327, 0.2868

Monochromacy



Original Color

16.9653, 0.3074, 0.2449

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.4926, 0.3105, 0.2941

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.9653, 0.3074, 0.2449 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, 99, 150)` looks like.

```
.text, #text, p{  
    color:rgb(143, 99, 150)  
}
```

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, 99, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 99, 150) }
```

Border

The CSS property to change the border of an element to Yxy 16.9653, 0.3074, 0.2449 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, 99, 150) }
```

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

```
.border{ border-color:rgb(143, 99, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 99, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 99, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 99, 150);  
box-shadow:4px 4px 4px 4px rgb(143, 99,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 16.9653, 0.3074, 0.2449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 99, 150) }
```

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

```
.background{ background-color: rgb(143, 99,  
150) }
```

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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