

Converting Colors

$Y_{xy}(11.3843, 0.3075, 0.2422)$

Have a look what the booklet for
Yxy(11.3843, 0.3075, 0.2422)
contains.

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Color

Yxy(11.3843, 0.3075, 0.2422)

Conversions

Conversions Part 1

Format	Color
Hex	78517E
RGB	120, 81, 126
RGB Percent	47%, 32%, 49%
CMY	0.5294, 0.6823, 0.5060
CMYK	0.05, 0.36, 0.00, 0.51
HSL	292°, 22%, 41%
HSV	292°, 36%, 49%
XYZ	14.4536, 11.3843, 21.1658
YIQ	97.7910, 8.7990, 22.2630

Conversions

Conversions Part 2

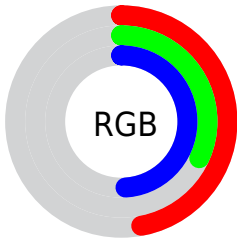
Format	Color
R_{YB}	120, 81, 126
Decimal	7885182
CIE _{Lab}	40.22, 24.55, -18.93
CIE _{LCh}	40, 30.999, 322.373
Yxy	11.3843, 0.3075, 0.2422
Android (android.graphics.Color)	4286075262 (0xFF78517E)
YUV	97.7910, 13.9070, 19.4773
Hunter-Lab	33.7406, 17.4188, -13.5747

Details

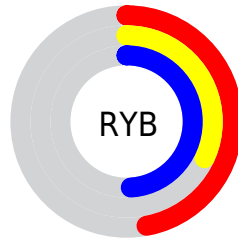
The Yxy color **11.3843, 0.3075, 0.2422** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.5343, 0.3147, 0.4288**, and the grayscale version is **12.1230, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.3715, 0.3094, 0.2622**, and **3.0400, 0.3002, 0.2043** is the 20% darker color. If you saturate the color by 10%, you get **9.5645, 0.3053, 0.2183**, and if you desaturate by 10%, it is **13.5546, 0.3094, 0.2669**.

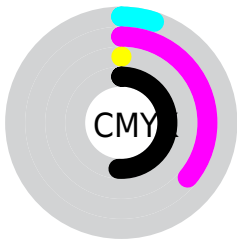
Distribution



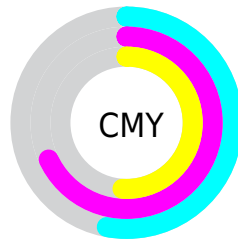
- Red (47%)
- Green (32%)
- Blue (49%)



- Red (47%)
- Yellow (32%)
- Blue (49%)



- Cyan (5%)
- Magenta (36%)
- Yellow (0%)
- Black (51%)



- Cyan (53%)
- Magenta (68%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.3843, 0.3075, 0.2422 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 11.3843, 0.3075, 0.2422 by changing the saturation by 10% instead.

■ 11.3843, 0.3075,
0.2422

■ 11.3843, 0.3075,
0.2422

■ 200.2854, 0.3118,
0.2925

■ 6.3259, 0.3054,
0.2267

■ 28.3686, 0.3097,
0.2625

■ 3.0443, 0.3017,
0.2048

■ 41.0634, 0.3103,
0.2694

■ 1.1549, 0.2944,
0.1717

■ 57.0725, 0.3107,
0.2751

■ 0.0244, 0.3036,
0.0119

■ 76.7802, 0.3110,
0.2798

■ 0.0000, 0.0000,
0.0000

■ 100.5709, 0.3113,
0.2837

128.8291, 0.3115,

0.2871

161.9392, 0.3117,
0.2900

■ 11.3843, 0.3075,
0.2422

■ 11.3843, 0.3075,
0.2422

■ 9.5645, 0.3053,
0.2183

■ 13.5546, 0.3094,
0.2669

■ 8.0744, 0.3027,
0.1961

■ 16.0916, 0.3109,
0.2916

■ 6.8934, 0.2998,
0.1766


■ 19.0125, 0.3122,
0.3157

■ 5.9979, 0.2967,
0.1604


■ 22.3327, 0.3131,
0.3388


■ 5.3609, 0.2935,
0.1482

■ 26.0670, 0.3138,
0.3604


 4.9372, 0.2901,
0.1397

 30.2293, 0.3142,
0.3805

 4.7737, 0.2887,
0.1364

 34.8329, 0.3145,
0.3990

 39.8904, 0.3147,
0.4159

 45.4141, 0.3147,
0.4313

Harmonies

Analogous

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



11.3843, 0.2455, 0.2240



11.3843, 0.3075, 0.2422



11.3843, 0.3784, 0.2783

Triad

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



11.3843, 0.3075, 0.2422



11.3843, 0.4260, 0.4261



11.3843, 0.2043, 0.3136

Complementary

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



11.3843, 0.3075, 0.2422



17.5343, 0.3147, 0.4288

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.



11.3843, 0.2445, 0.3863



11.3843, 0.3075, 0.2422



11.3843, 0.3722, 0.4548

Square

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



11.3843, 0.3075, 0.2422



11.3843, 0.4504, 0.3782



11.3843, 0.3056, 0.4430



11.3843, 0.1915, 0.2572

Rectangle

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



11.3843, 0.3075, 0.2422



11.3843, 0.4185, 0.3093



11.3843, 0.3056, 0.4430



11.3843, 0.2148, 0.3372

Sweetspot

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



11.3848, 0.3075, 0.2422



30.5364, 0.3115, 0.3024



10.0715, 0.2530, 0.2412



6.8225, 0.3114, 0.2998



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



11.3848, 0.3075, 0.2422



17.3437, 0.3057, 0.2223



11.4337, 0.3426, 0.2734



4.3844, 0.3118, 0.3076



4.8981, 0.2887, 0.1364



0.0000, 0.0000, 0.0000

Inverse Universe

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



11.0067, 0.3821, 0.3172



16.6065, 0.4066, 0.3144



17.5372, 0.2916, 0.3924



4.3528, 0.3259, 0.3262



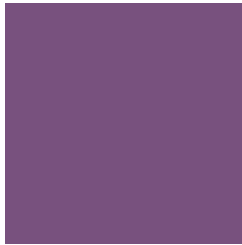
4.5907, 0.6174, 0.3175



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 11.3843, 0.3075, 0.2422 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 11.3843, 0.3075, 0.2422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

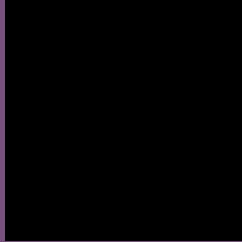
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.3843, 0.3075, 0.2422

Background



This preview shows how black text looks on a background with the Yxy color 11.3843, 0.3075, 0.2422.



This preview shows how white text looks on a background with the Yxy color 11.3843, 0.3075, 0.2422.

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

11.3843, 0.3075, 0.2422

Protanopia

11.5768, 0.2464, 0.2392

Deuteranopia

11.4078, 0.2669, 0.2608



Tritanopia

11.5006, 0.3497, 0.3164

Trichromacy



Original Color

11.3843, 0.3075, 0.2422

Protanomaly

11.2975, 0.2661, 0.2393

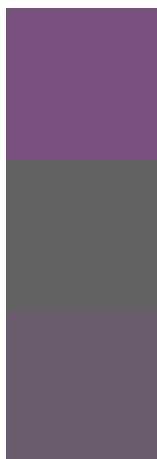
Deuteranomaly

11.3348, 0.2797, 0.2530

Tritanomaly

11.3195, 0.3327, 0.2856

Monochromacy



Original Color

11.3843, 0.3075, 0.2422

Achromatopsia

12.2139, 0.3127, 0.3290

Achromatomaly

11.8012, 0.3113, 0.2944

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.3843, 0.3075, 0.2422 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(120, 81, 126)` looks like.

```
.text, #text, p{  
    color:rgb(120, 81, 126)  
}
```

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(120, 81, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 81, 126) }
```

Border

The CSS property to change the border of an element to Yxy 11.3843, 0.3075, 0.2422 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(120, 81, 126) }
```

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

```
.border{ border-color:rgb(120, 81, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 81, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 81, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 81, 126);  
box-shadow:4px 4px 4px 4px rgb(120, 81,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 11.3843, 0.3075, 0.2422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 81, 126) }
```

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

```
.background{ background-color: rgb(120, 81,  
126) }
```

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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