Converting Colors

Yxy(13.6047, 0.3171, 0.2771)

Have a look what the booklet for Yxy(13.6047, 0.3171, 0.2771) contains.

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Color

Yxy(13.5235, 0.3166, 0.2766)

Conversions

Format	Color
Hex	7A5E79
RGB	122, 94, 121
RGB Percent	48%, 37%, 47%
CMY	0.5216, 0.6313, 0.5254
CMYK	0.00, 0.23, 0.01, 0.52
HSL	302°, 13%, 42%
HSV	302°, 23%, 48%
XYZ	15.4792, 13.5235, 19.8892
YIQ	105.4500, 8.0210, 14.3330

Conversions Part 1

Conversions

Conversions Part 2

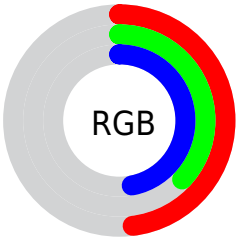
Format	Color
RYB	122, 94, 121
Decimal	8019577
CIELab	43.54, 16.40, -10.82
CIELCh	44, 19.651, 326.588
Yxy	13.5235, 0.3166, 0.2766
Android (android.graphics.Color)	4286209657 (0xFF7A5E79)
YUV	105.4500, 7.6661, 14.5143
Hunter-Lab	36.7743, 10.7798, -6.3247

Details

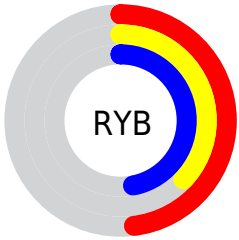
The Yxy color 13.5235, 0.3166, 0.2766 is a dark color, and the websafe version is hex 996699. A complement of this color would be 17.1213, 0.3088, 0.3877, and the grayscale version is 14.2325, 0.3127, 0.3290.

A 20% lighter version of the original color is 32.3819, 0.3166, 0.2900, and 3.9983, 0.3186, 0.2561 is the 20% darker color. If you saturate the color by 10%, you get 11.5128, 0.3185, 0.2537, and if you desaturate by 10%, it is 15.8783, 0.3148, 0.2997.

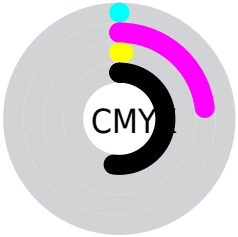
Distribution



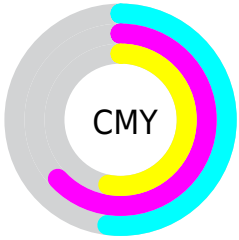
- Red (48%)
- Green (37%)
- Blue (47%)



- Red (48%)
- Yellow (37%)
- Blue (47%)



- Cyan (0%)
- Magenta (23%)
- Yellow (1%)
- Black (52%)



- Cyan (52%)
- Magenta (63%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 13.5235, 0.3166, 0.2766 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 13.5235, 0.3166, 0.2766 by changing the saturation by 10% instead.

13.5235, 0.3166, 0.2766

13.5235, 0.3166, 0.2766

214.2460, 0.3147, 0.3071

7.7900, 0.3170, 0.2671

32.2411, 0.3160, 0.2889

3.9609, 0.3173, 0.2534

45.9940, 0.3157, 0.2932

1.6517, 0.3174, 0.2321

63.1889, 0.3155, 0.2966

0.3921, 0.3268, 0.1657

84.2101, 0.3153, 0.2994

0.0000, 0.0000, 0.0000

109.4420, 0.3151, 0.3018

139.2690, 0.3150,

0.3038

174.0756, 0.3148, 0.3055

13.5235, 0.3166, 0.2766

13.5235, 0.3166, 0.2766

11.5128, 0.3185, 0.2537

15.8783, 0.3148, 0.2997

9.8285, 0.3203, 0.2317

18.5905, 0.3132, 0.3225

8.4537, 0.3222, 0.2114

21.6747, 0.3117, 0.3443

7.3695, 0.3240, 0.1938

25.1445, 0.3103, 0.3650

6.5548, 0.3257, 0.1795

29.0123, 0.3090, 0.3843

5.9857, 0.3272, 0.1690

5.6331, 0.3286, 0.1625

5.4390, 0.3294, 0.1588

33.2905, 0.3079, 0.4022

37.9905, 0.3069, 0.4185

43.1235, 0.3060, 0.4334

48.7002, 0.3053, 0.4470

Harmonies

Analogous

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

13.5235, 0.2767, 0.2631

13.5235, 0.3166, 0.2766

13.5235, 0.3579, 0.3019

Triad

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

13.5235, 0.3166, 0.2766

13.5235, 0.3794, 0.3937

13.5235, 0.2430, 0.3163

Complementary

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

13.5235, 0.3166, 0.2766

17.1213, 0.3088, 0.3877

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.

13.5235, 0.2673, 0.3570

13.5235, 0.3166, 0.2766

13.5235, 0.3457, 0.4039

Square

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

13.5235, 0.3166, 0.2766

13.5235, 0.3953, 0.3674

13.5235, 0.3046, 0.3908

13.5235, 0.2364, 0.2830

Rectangle

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

13.5235, 0.3166, 0.2766

13.5235, 0.3797, 0.3231

13.5235, 0.3046, 0.3908

13.5235, 0.2493, 0.3297

Sweetspot

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

13.5241, 0.3166, 0.2766

30.6158, 0.3139, 0.3129

11.8411, 0.2772, 0.2684

6.9556, 0.3139, 0.3120

62.0916, 0.3127, 0.3290

7.8288, 0.3127, 0.3290

Same Dimension

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

13.5241, 0.3166, 0.2766

21.6957, 0.3177, 0.2634

13.2060, 0.3369, 0.3029

4.0752, 0.3142, 0.3086

5.7276, 0.3294, 0.1589

27.2944, 0.3299, 0.1591

Inverse Universe

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

13.5241, 0.3166, 0.2766

21.6957, 0.3177, 0.2634

17.3981, 0.2938, 0.3567

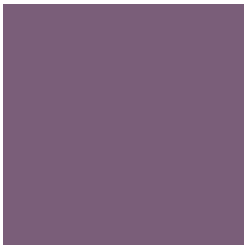
4.0752, 0.3142, 0.3086

5.7276, 0.3294, 0.1589

27.2944, 0.3299, 0.1591

Previews

White Background

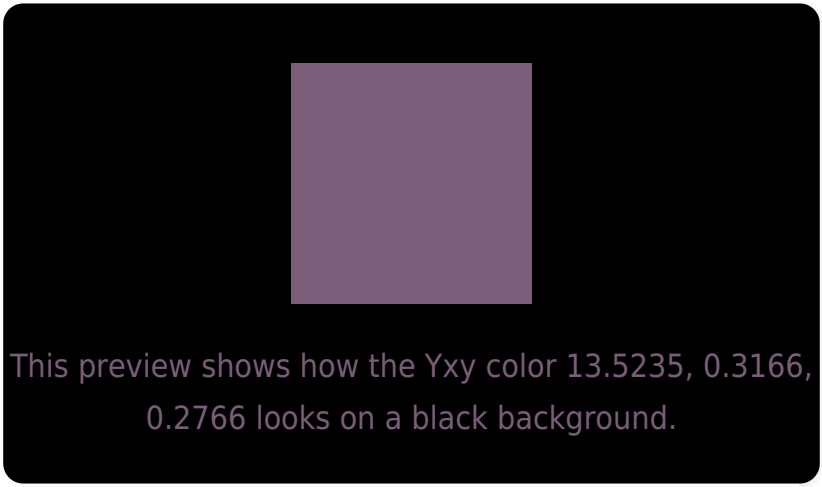


This preview shows how the Yxy color 13.5235, 0.3166, 0.2766 looks on a white background.

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



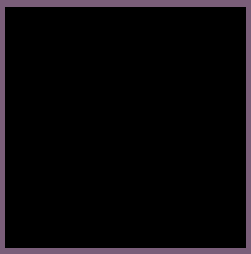
This preview shows how the Yxy color 13.5235, 0.3166, 0.2766 looks on a black background.

Color Contrast Check

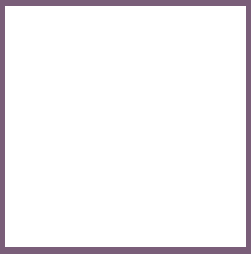
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Yxy 13.5235, 0.3166, 0.2766 Background



This preview shows how black text looks on a background with the Yxy color 13.5235, 0.3166, 0.2766.



This preview shows how white text looks on a background with the Yxy color 13.5235, 0.3166, 0.2766.

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
13.5235, 0.3166, 0.2766

Protanopia
13.5764, 0.2753, 0.2766

Deuteranopia
13.6667, 0.2938, 0.2895

Tritanopia
13.5624, 0.3361, 0.3129

Trichromacy

Original Color
13.5235, 0.3166, 0.2766

Protanomaly
13.4685, 0.2889, 0.2758

Deuteranomaly
13.4709, 0.3020, 0.2842

Tritanomaly
13.5784, 0.3291, 0.2992

Monochromacy

Original Color
13.5235, 0.3166, 0.2766

Achromatopsia
14.1263, 0.3127, 0.3290

Achromatomaly
13.8346, 0.3137, 0.3083

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.5235, 0.3166, 0.2766 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(122, 94, 121) looks like.

```
.text, #text, p{
    color:rgb(122, 94, 121)
}
```

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(122, 94, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 94, 121) }
```

Border

The CSS property to change the border of an element to Yxy 13.5235, 0.3166, 0.2766 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(122, 94, 121) }
```

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

```
.border{ border-color:rgb(122, 94, 121) }
```

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

Here you see how a box with a 4 pixel rgb(122, 94, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 94, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 94, 121); box-shadow:4px 4px 4px 4px rgb(122, 94, 121) }
```

Background

The CSS property to change the background color of an element to Yxy 13.5235, 0.3166, 0.2766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(122, 94, 121) }
```

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

```
.background{ background-color:rgb(122, 94,
121) }
```

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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