Converting Colors

Yxy(8.8958, 0.2979, 0.2044)

Have a look what the booklet for Yxy(8.8958, 0.2979, 0.2044) contains.

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Color

Yxy(8.8530, 0.2969, 0.2031)

Conversions

Format	Color
Hex	743F81
RGB	116, 63, 129
RGB Percent	45%, 25%, 51%
CMY	0.5451, 0.7529, 0.4941
CMYK	0.10, 0.51, 0.00, 0.49
HSL	288°, 34%, 38%
HSV	288°, 51%, 51%
XYZ	12.9417, 8.8530, 21.7947
YIQ	86.3710, 10.4020, 31.7620

Conversions Part 1

Conversions

Conversions Part 2

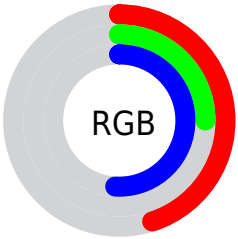
Format	Color
RYB	116, 63, 129
Decimal	7618433
CIELab	35.70, 34.39, -27.86
CIELCh	36, 44.253, 320.989
Yxy	8.8530, 0.2969, 0.2031
Android (android.graphics.Color)	4285808513 (0xFF743F81)
YUV	86.3710, 21.0161, 25.9846
Hunter-Lab	29.7540, 25.5702, -22.6019

Details

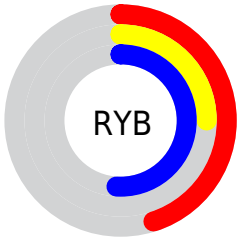
The Yxy color 8.8530, 0.2969, 0.2031 is a dark color, and the websafe version is hex 663366. A complement of this color would be 17.5958, 0.3187, 0.4781, and the grayscale version is 9.3422, 0.3127, 0.3290.

A 20% lighter version of the original color is 23.6227, 0.3025, 0.2327, and 2.0644, 0.2839, 0.1531 is the 20% darker color. If you saturate the color by 10%, you get 7.4162, 0.2924, 0.1811, and if you desaturate by 10%, it is 10.6302, 0.3010, 0.2272.

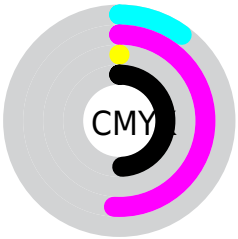
Distribution



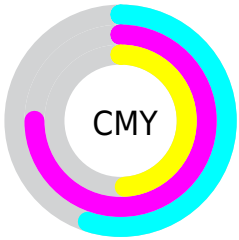
- Red (45%)
- Green (25%)
- Blue (51%)



- Red (45%)
- Yellow (25%)
- Blue (51%)



- Cyan (10%)
- Magenta (51%)
- Yellow (0%)
- Black (49%)



- Cyan (55%)
- Magenta (75%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 8.8530, 0.2969, 0.2031 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 8.8530, 0.2969, 0.2031 by changing the saturation by 10% instead.

8.8530, 0.2969, 0.2031

8.8530, 0.2969, 0.2031

182.2775, 0.3090, 0.2758

4.6454, 0.2914, 0.1813

23.6145, 0.3028, 0.2322

2.0408, 0.2820, 0.1513

34.9372, 0.3045, 0.2423

0.6310, 0.2650, 0.1050

49.4003, 0.3058, 0.2505

0.0000, 0.2042, 0.0000

67.3884, 0.3067, 0.2573

0.0000, 0.0000, 0.0000

89.2858, 0.3075, 0.2630

115.4768, 0.3081,

0.2679

146.3459, 0.3086, 0.2721

8.8530, 0.2969, 0.2031

8.8530, 0.2969, 0.2031

7.4162, 0.2924, 0.1811

10.6302, 0.3010, 0.2272

6.2948, 0.2875, 0.1620

12.7682, 0.3046, 0.2523

5.4623, 0.2825, 0.1466

15.2869, 0.3077, 0.2777

4.8874, 0.2774, 0.1355

18.2047, 0.3103, 0.3025

4.5029, 0.2729, 0.1277

21.5386, 0.3125, 0.3263

25.3048, 0.3142, 0.3488

29.5184, 0.3156, 0.3696

34.1939, 0.3166, 0.3888

39.3451, 0.3174, 0.4064

Harmonies

Analogous

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

8.8530, 0.2093, 0.1792

8.8530, 0.2969, 0.2031

8.8530, 0.4077, 0.2506

Triad

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

8.8530, 0.2969, 0.2031

8.8530, 0.4766, 0.4574

8.8530, 0.1560, 0.3037

Complementary

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

8.8530, 0.2969, 0.2031

17.5958, 0.3187, 0.4781

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.

8.8530, 0.2103, 0.4259

8.8530, 0.2969, 0.2031

8.8530, 0.3947, 0.5182

Square

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

8.8530, 0.2969, 0.2031

8.8530, 0.5194, 0.3838

8.8530, 0.2981, 0.5185

8.8530, 0.1404, 0.2205

Rectangle

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

8.8530, 0.2969, 0.2031

8.8530, 0.4728, 0.2916

8.8530, 0.2981, 0.5185

8.8530, 0.1696, 0.3420

Sweetspot

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

8.8534, 0.2969, 0.2031

30.3208, 0.3093, 0.2922

7.8391, 0.2250, 0.2048

6.6557, 0.3089, 0.2878

65.5931, 0.3127, 0.3290

8.8982, 0.3127, 0.3290

Same Dimension

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

8.8534, 0.2969, 0.2031

12.9951, 0.2918, 0.1784

9.3312, 0.3529, 0.2421

4.3710, 0.3108, 0.3075

4.3923, 0.2730, 0.1278

0.0000, 0.0000, 0.0000

Inverse Universe

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

8.7447, 0.4218, 0.3040

12.8817, 0.4617, 0.3002

17.3784, 0.2883, 0.4374

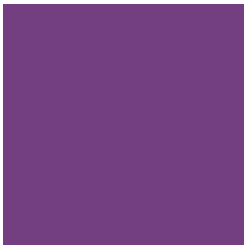
4.3571, 0.3250, 0.3248

4.6212, 0.6015, 0.3087

0.0000, 0.0000, 0.0000

Previews

White Background

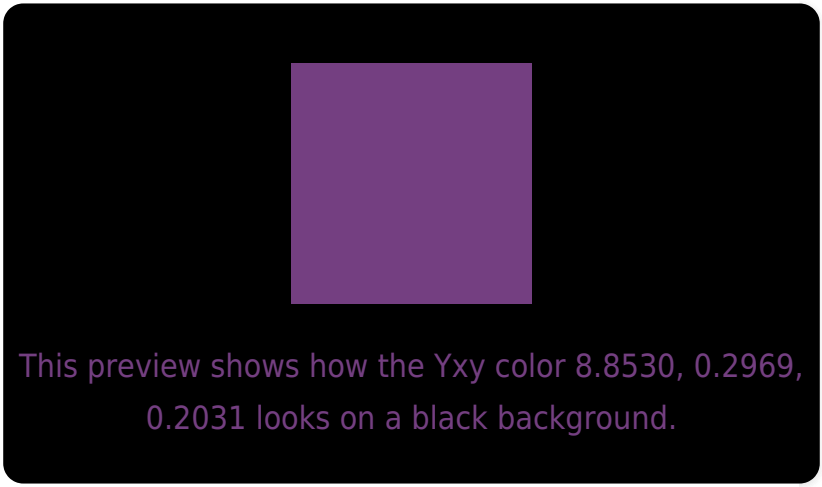


This preview shows how the Yxy color 8.8530, 0.2969, 0.2031 looks on a white background.

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 ✓ Pass

Black Background



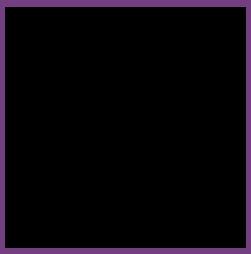
This preview shows how the Yxy color 8.8530, 0.2969, 0.2031 looks on a black background.

Color Contrast Check

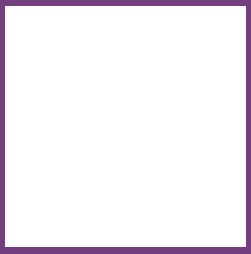
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

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

Yxy 8.8530, 0.2969, 0.2031 Background



This preview shows how black text looks on a background with the Yxy color 8.8530, 0.2969, 0.2031.



This preview shows how white text looks on a background with the Yxy color 8.8530, 0.2969, 0.2031.

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
8.8530, 0.2969, 0.2031

Protanopia
8.9507, 0.2084, 0.1897

Deuteranopia
9.0146, 0.2364, 0.2320

Tritanopia
8.8774, 0.3663, 0.3155

Trichromacy

Original Color
8.8530, 0.2969, 0.2031

Protanomaly
8.5453, 0.2317, 0.1905

Deuteranomaly
8.6065, 0.2552, 0.2175

Tritanomaly
8.8331, 0.3412, 0.2706

Monochromacy

Original Color
8.8530, 0.2969, 0.2031

Achromatopsia
9.3059, 0.3127, 0.3290

Achromatomaly
8.9495, 0.3068, 0.2731

CSS Examples

Text

The CSS property to change the color of the text to Yxy 8.8530, 0.2969, 0.2031 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(116, 63, 129) looks like.

```
.text, #text, p{
    color:rgb(116, 63, 129)
}
```

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(116, 63, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 63, 129) }
```

Border

The CSS property to change the border of an element to Yxy 8.8530, 0.2969, 0.2031 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(116, 63, 129) }
```

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

```
.border{ border-color:rgb(116, 63, 129) }
```

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

Here you see how a box with a 4 pixel rgb(116, 63, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 63, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 63, 129); box-shadow:4px 4px 4px 4px rgb(116, 63, 129) }
```

Background

The CSS property to change the background color of an element to Yxy 8.8530, 0.2969, 0.2031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(116, 63, 129) }
```

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

```
.background{ background-color:rgb(116, 63,
129) }
```

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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