

Converting Colors

$Yxy(42.6145, 0.2778, 0.2871)$

Have a look what the booklet for
Yxy(42.6145, 0.2778, 0.2871)
contains.

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Color

Yxy(42.7976, 0.2783, 0.2879)

Conversions

Conversions Part 1

Format	Color
Hex	A2AFCE
RGB	162, 175, 206
RGB Percent	64%, 69%, 81%
CMY	0.3648, 0.3137, 0.1921
CMYK	0.21, 0.15, 0.00, 0.19
HSL	222°, 31%, 72%
HSV	222°, 21%, 81%
XYZ	41.3705, 42.7976, 64.4863
YIQ	174.6470, -17.6990, 6.8850

Conversions

Conversions Part 2

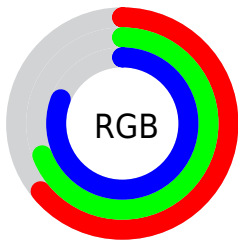
Format	Color
R _Y B	162, 172, 206
Decimal	10661838
CIE Lab	71.42, 2.13, -17.24
CIE LCh	71, 17.368, 277.033
Yxy	42.7976, 0.2783, 0.2879
Android (android.graphics.Color)	4288851918 (0xFFA2AFCE)
YUV	174.6470, 15.4570, -11.0914
Hunter-Lab	65.4199, -1.6041, -12.6500

Details

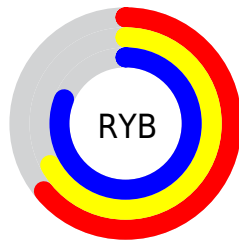
The Yxy color **42.7976, 0.2783, 0.2879** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **53.8745, 0.3477, 0.3670**, and the grayscale version is **42.6037, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.5653, 0.2890, 0.3029**, and **19.7479, 0.2685, 0.2764** is the 20% darker color. If you saturate the color by 10%, you get **35.4671, 0.2606, 0.2652**, and if you desaturate by 10%, it is **51.0921, 0.2951, 0.3084**.

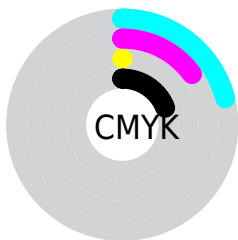
Distribution



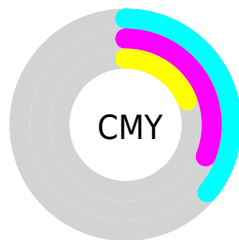
- Red (64%)
- Green (69%)
- Blue (81%)



- Red (64%)
- Yellow (67%)
- Blue (81%)



- Cyan (21%)
- Magenta (15%)
- Yellow (0%)
- Black (19%)





- Cyan (36%)
- Magenta (31%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.7976, 0.2783, 0.2879 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 42.7976, 0.2783, 0.2879 by changing the saturation by 10% instead.


 42.7976, 0.2783,
0.2879


 42.7976, 0.2783,
0.2879


357.7787, 0.2956,
0.3085

 29.7263, 0.2740,
0.2828


 79.4053, 0.2846,
0.2954

 19.6310, 0.2684,
0.2762


 103.7106, 0.2870,
0.2982

 12.1271, 0.2609,
0.2676


132.5293, 0.2890,
0.3005

 6.8303, 0.2505,
0.2555

166.2459, 0.2907,
0.3026

 3.3562, 0.2351,
0.2379

205.2448, 0.2922,
0.3043

 1.3204, 0.2102,
0.2097

249.9103, 0.2935,

 0.1569, 0.1120,

0.3059

0.0874

300.6268, 0.2946,
0.3072

0.0000, 0.0000,
0.0000

42.7976, 0.2783,
0.2879

42.7976, 0.2783,
0.2879

35.4671, 0.2606,
0.2652

51.0921, 0.2951,
0.3084

29.0591, 0.2423,
0.2405

60.3796, 0.3107,
0.3267

23.5365, 0.2241,
0.2144

70.6945, 0.3250,
0.3428

18.8578, 0.2065,
0.1875

82.0676, 0.3381,
0.3569

14.9777, 0.1906,
0.1609

92.5829, 0.3431,
0.3701

■ 11.8458, 0.1771,
0.1359

■ 97.2373, 0.3418,
0.3770

■ 9.4051, 0.1669,
0.1137

■ 7.7852, 0.1604,
0.0975

Harmonies

Analogous

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



42.7976, 0.2668, 0.2964



42.7976, 0.2783, 0.2879



42.7976, 0.2991, 0.2899

Triad

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



42.7976, 0.2783, 0.2879



42.7976, 0.3607, 0.3405



42.7976, 0.2999, 0.3593

Complementary

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



42.7976, 0.2783, 0.2879



53.8745, 0.3477, 0.3670

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.



42.7976, 0.3249, 0.3719



42.7976, 0.2783, 0.2879



42.7976, 0.3606, 0.3597

Square

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



42.7976, 0.2783, 0.2879



42.7976, 0.3472, 0.3195



42.7976, 0.3473, 0.3716



42.7976, 0.2789, 0.3377

Rectangle

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



42.7976, 0.2783, 0.2879



42.7976, 0.3159, 0.2966



42.7976, 0.3473, 0.3716



42.7976, 0.3081, 0.3648

Sweetspot

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



42.7993, 0.2783, 0.2879



90.5287, 0.3035, 0.3184



55.6751, 0.2895, 0.3461



19.1640, 0.3025, 0.3171



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



42.7993, 0.2783, 0.2879



63.2594, 0.2696, 0.2769



38.9279, 0.2844, 0.2713



11.3756, 0.2983, 0.3122



4.9409, 0.1611, 0.1000



0.3880, 0.1723, 0.1401

Inverse Universe

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



42.0562, 0.3431, 0.3129



62.0952, 0.3522, 0.3089



58.6608, 0.3375, 0.3831



11.2673, 0.3244, 0.3222



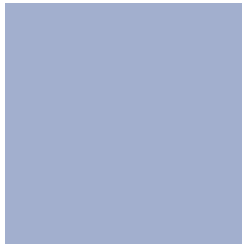
8.3018, 0.5758, 0.2946



0.4417, 0.5190, 0.2633

Previews

White Background



This preview shows how the Yxy color 42.7976, 0.2783, 0.2879 looks on a white background.

Color Contrast Check

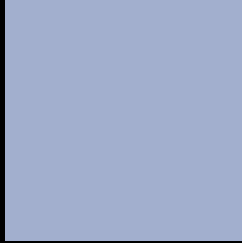
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 42.7976, 0.2783, 0.2879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

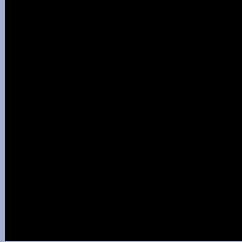
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.7976, 0.2783, 0.2879

Background



This preview shows how black text looks on a background with the Yxy color 42.7976, 0.2783, 0.2879.



This preview shows how white text looks on a background with the Yxy color 42.7976, 0.2783, 0.2879.

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

42.7976, 0.2783, 0.2879

Protanopia

42.7299, 0.2844, 0.2871

Deuteranopia

42.8609, 0.2885, 0.2827



Tritanopia

42.6210, 0.2861, 0.3085

Trichromacy



Original Color

42.7976, 0.2783, 0.2879

Protanomaly

42.7869, 0.2821, 0.2882

Deuteranomaly

42.6680, 0.2845, 0.2835

Tritanomaly

42.5555, 0.2832, 0.3006

Monochromacy



Original Color

42.7976, 0.2783, 0.2879

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.7512, 0.2996, 0.3142

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.7976, 0.2783, 0.2879 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(162, 175, 206)` looks like.

```
.text, #text, p{  
    color:rgb(162, 175, 206)  
}
```

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(162, 175, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 175, 206) }
```

Border

The CSS property to change the border of an element to Yxy 42.7976, 0.2783, 0.2879 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(162, 175, 206) }
```

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

```
.border{ border-color:rgb(162, 175, 206) }
```

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

Here you see how a box with a 4 pixel rgb(162, 175, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 175, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 175, 206);  
box-shadow:4px 4px 4px 4px rgb(162, 175,  
206) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 42.7976, 0.2783, 0.2879$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 175, 206) }
```

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

```
.background{ background-color: rgb(162,  
175, 206) }
```

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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