

Converting Colors

Yxy(52.8309, 0.2774, 0.2706)

Have a look what the booklet for
Yxy(52.8309, 0.2774, 0.2706)
contains.

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Color

Yxy(52.8309, 0.2774, 0.2706)

Conversions

Conversions Part 1	
Format	Color
Hex	BCBCEE
RGB	188, 188, 238
RGB Percent	74%, 74%, 93%
CMY	0.2627, 0.2627, 0.0666
CMYK	0.21, 0.21, 0.00, 0.07
HSL	240°, 60%, 84%
HSV	240°, 21%, 93%
XYZ	54.1585, 52.8309, 88.2467
YIQ	193.7000, -16.0500, 15.5500

Conversions

Conversions Part 2

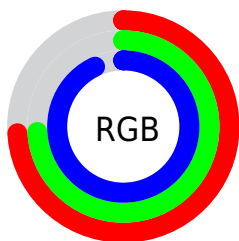
Format	Color
RYB	188, 188, 238
Decimal	12369134
CIELab	77.78, 10.32, -24.79
CIELCh	78, 26.851, 292.598
Yxy	52.8309, 0.2774, 0.2706
Android (android.graphics.Color)	4290559214 (0xFFBCBCEE)
YUV	193.7000, 21.8399, -4.9989
Hunter-Lab	72.6849, 5.8043, -21.1046

Details

The Yxy color **52.8309, 0.2774, 0.2706** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.9707, 0.3444, 0.3814**, and the grayscale version is **53.6403, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3338, 0.3068, 0.3183**, and **25.7737, 0.2680, 0.2564** is the 20% darker color. If you saturate the color by 10%, you get **40.7110, 0.2575, 0.2377**, and if you desaturate by 10%, it is **67.1304, 0.2954, 0.3003**.

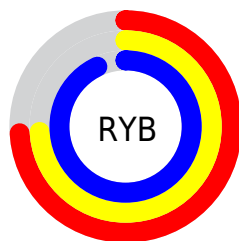
Distribution



Red (74%)

Green (74%)

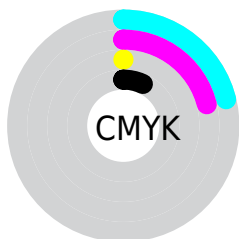
Blue (93%)



Red (74%)

Yellow (74%)

Blue (93%)

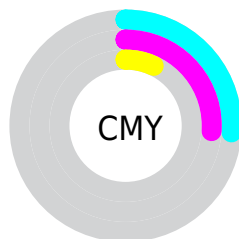


Cyan (21%)

Magenta (21%)

Yellow (0%)

Black (7%)



Cyan (26%)


Magenta (26%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.8309, 0.2774, 0.2706 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 52.8309, 0.2774, 0.2706 by changing the saturation by 10% instead.

 52.8309, 0.2774,
0.2706

 52.8309, 0.2774,
0.2706


397.6360, 0.2947,
0.2982

 37.6678, 0.2732,
0.2642

 94.3555, 0.2836,
0.2803

 25.7250, 0.2680,
0.2562


121.4858, 0.2859,
0.2840

 16.6180, 0.2611,
0.2460


153.3739, 0.2879,
0.2872

 9.9625, 0.2519,
0.2326

190.4043, 0.2897,
0.2900

 5.3741, 0.2389,
0.2142

232.9613, 0.2912,
0.2925

 2.4684, 0.2193,
0.1879

281.4293, 0.2925,

 0.8607, 0.1873,

0.2946

0.1477

336.1927, 0.2936,
0.2965

0.0000, 0.0113,
0.0000

0.0000, 0.0000,
0.0000

52.8309, 0.2774,
0.2706

52.8309, 0.2774,
0.2706

40.7110, 0.2575,
0.2377

67.1304, 0.2954,
0.3003

30.6578, 0.2362,
0.2026

83.7022, 0.3112,
0.3265

22.5578, 0.2146,
0.1667

98.9542, 0.3226,
0.3454

16.2842, 0.1939,
0.1325

■ 11.6953, 0.1759,
0.1028

■ 8.6284, 0.1622,
0.0801

■ 6.8890, 0.1537,
0.0660

■ 6.1746, 0.1500,
0.0600

Harmonies

Analogous

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



52.8309, 0.2540, 0.2742



52.8309, 0.2774, 0.2706



52.8309, 0.3114, 0.2808

Triad

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



52.8309, 0.2774, 0.2706



52.8309, 0.3846, 0.3594



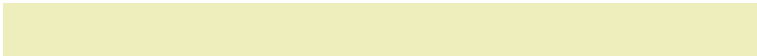
52.8309, 0.2772, 0.3578

Complementary

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



52.8309, 0.2774, 0.2706



82.9707, 0.3444, 0.3814

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.



52.8309, 0.3108, 0.3847



52.8309, 0.2774, 0.2706



52.8309, 0.3736, 0.3832

Square

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



52.8309, 0.2774, 0.2706



52.8309, 0.3751, 0.3301



52.8309, 0.3462, 0.3936



52.8309, 0.2538, 0.3229

Rectangle

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



52.8309, 0.2774, 0.2706



52.8309, 0.3359, 0.2939



52.8309, 0.3462, 0.3936



52.8309, 0.2876, 0.3683

Sweetspot

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



52.8330, 0.2774, 0.2706



87.8370, 0.3035, 0.3138



78.0265, 0.2814, 0.3289



18.5302, 0.3025, 0.3121



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.



52.8330, 0.2774, 0.2706



55.7013, 0.2695, 0.2575



56.2880, 0.2959, 0.2736



15.2289, 0.2979, 0.3046



3.4442, 0.1500, 0.0600



0.2866, 0.1500, 0.0600

Inverse Universe

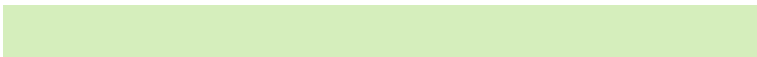
The Inverse Universe completely reimagines the original color for something new.



60.3205, 0.3152, 0.2768



65.8499, 0.3157, 0.2666



78.9394, 0.3268, 0.3845



16.0314, 0.3138, 0.3057



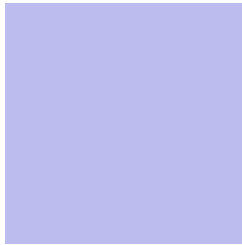
13.5833, 0.3210, 0.1542



1.1300, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 52.8309, 0.2774, 0.2706 looks on a white background.

Color Contrast Check

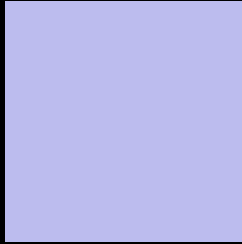
Large Text (above 18pt) WCAG AA × Fail

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 52.8309, 0.2774, 0.2706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

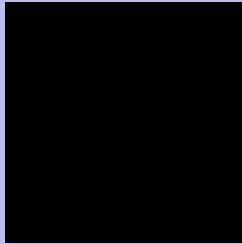
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.8309, 0.2774, 0.2706

Background



This preview shows how black text looks on a background with the Yxy color 52.8309, 0.2774, 0.2706.



This preview shows how white text looks on a background with the Yxy color 52.8309, 0.2774, 0.2706.

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

52.8309, 0.2774, 0.2706

Protanopia

52.8215, 0.2707, 0.2700

Deuteranopia

52.7043, 0.2767, 0.2705



Tritanopia

52.8107, 0.2934, 0.3092

Trichromacy



Original Color
52.8309, 0.2774, 0.2706

Protanomaly
52.6945, 0.2733, 0.2702

Deuteranomaly
52.7043, 0.2767, 0.2705

Tritanomaly
52.7432, 0.2873, 0.2939

Monochromacy



Original Color
52.8309, 0.2774, 0.2706

Achromatopsia
53.9479, 0.3127, 0.3290

Achromatomaly
53.5589, 0.2995, 0.3072

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8309, 0.2774, 0.2706 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(188, 188, 238) looks like.

```
.text, #text, p{  
    color:rgb(188, 188, 238)  
}
```

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(188, 188, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 188, 238) }
```

Border

The CSS property to change the border of an element to Yxy 52.8309, 0.2774, 0.2706 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(188, 188, 238) }
```

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

```
.border{ border-color:rgb(188, 188, 238) }
```

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

Here you see how a box with a 4 pixel rgb(188, 188, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 188, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 188, 238);  
box-shadow:4px 4px 4px 4px rgb(188, 188,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8309, 0.2774, 0.2706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 188, 238) }
```

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

```
.background{ background-color: rgb(188,  
188, 238) }
```

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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