

Converting Colors

Yxy(52.1842, 0.2667, 0.2569)

Have a look what the booklet for
Yxy(52.1842, 0.2667, 0.2569)
contains.

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Color

Yxy(52.4475, 0.2670, 0.2574)

Conversions

Conversions Part 1

Format	Color
Hex	B7BBF9
RGB	183, 187, 249
RGB Percent	72%, 73%, 98%
CMY	0.2823, 0.2667, 0.0234
CMYK	0.27, 0.25, 0.00, 0.02
HSL	236°, 85%, 85%
HSV	236°, 27%, 98%
XYZ	54.4036, 52.4475, 96.9077
YIQ	192.8720, -22.2860, 18.4340

Conversions

Conversions Part 2

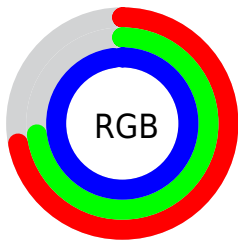
Format	Color
R _Y B	183, 187, 249
Decimal	12041209
CIE Lab	77.55, 11.92, -31.09
CIE LCh	78, 33.300, 290.979
Yxy	52.4475, 0.2670, 0.2574
Android (android.graphics.Color)	4290231289 (0xFFB7BBF9)
YUV	192.8720, 27.6711, -8.6577
Hunter-Lab	72.4206, 7.3560, -28.6428

Details

The Yxy color **52.4475, 0.2670, 0.2574** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88.9022, 0.3538, 0.3918**, and the grayscale version is **53.0963, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.8464, 0.3037, 0.3171**, and **25.5231, 0.2556, 0.2408** is the 20% darker color. If you saturate the color by 10%, you get **40.5283, 0.2467, 0.2250**, and if you desaturate by 10%, it is **66.5289, 0.2858, 0.2870**.

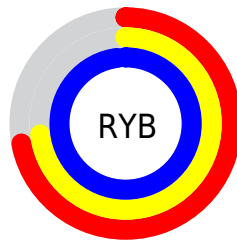
Distribution



Red (72%)

Green (73%)

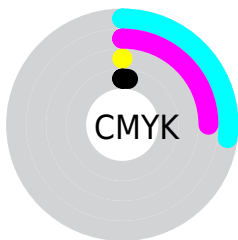
Blue (98%)



Red (72%)

Yellow (73%)

Blue (98%)

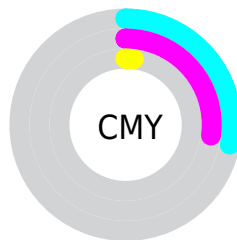


Cyan (27%)

Magenta (25%)

Yellow (0%)

Black (2%)



Cyan (28%)

Magenta (27%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.4475, 0.2670, 0.2574 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 52.4475, 0.2670, 0.2574 by changing the saturation by 10% instead.

■ 52.4475, 0.2670,
0.2574

■ 52.4475, 0.2670,
0.2574

■ 396.1618, 0.2893,
0.2910

■ 37.3619, 0.2617,
0.2497

■ 93.7909, 0.2749,
0.2691

■ 25.4878, 0.2550,
0.2402

■ 120.8174, 0.2780,
0.2736

■ 16.4409, 0.2464,
0.2281

■ 152.5931, 0.2805,
0.2776

■ 9.8367, 0.2349,
0.2125

■ 189.5022, 0.2828,
0.2809

■ 5.2908, 0.2189,
0.1915

■ 231.9293, 0.2847,
0.2839

■ 2.4189, 0.1956,
0.1623

■ 280.2586, 0.2864,

■ 0.8356, 0.1594,

0.2866

0.1201

334.8747, 0.2879,
0.2889

0.0000, 0.0148,
0.0000

0.0000, 0.0000,
0.0000

52.4475, 0.2670,
0.2574

52.4475, 0.2670,
0.2574

40.5283, 0.2467,
0.2250

66.5289, 0.2858,
0.2870

30.6582, 0.2256,
0.1910

82.8655, 0.3027,
0.3135

22.7235, 0.2048,
0.1569

99.6218, 0.3162,
0.3347

16.5969, 0.1856,
0.1250

■ 12.1356, 0.1698,
0.0978

■ 9.1755, 0.1584,
0.0775

■ 7.5183, 0.1521,
0.0653

■ 7.1843, 0.1508,
0.0627

Harmonies

Analogous

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



52.4475, 0.2397, 0.2622



52.4475, 0.2670, 0.2574



52.4475, 0.3082, 0.2691

Triad

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



52.4475, 0.2670, 0.2574



52.4475, 0.4022, 0.3635



52.4475, 0.2704, 0.3673

Complementary

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



52.4475, 0.2670, 0.2574



88.9022, 0.3538, 0.3918

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.



52.4475, 0.3121, 0.4006



52.4475, 0.2670, 0.2574



52.4475, 0.3894, 0.3941

Square

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



52.4475, 0.2670, 0.2574



52.4475, 0.3891, 0.3276



52.4475, 0.3558, 0.4096



52.4475, 0.2413, 0.3230

Rectangle

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



52.4475, 0.2670, 0.2574



52.4475, 0.3388, 0.2845



52.4475, 0.3558, 0.4096



52.4475, 0.2834, 0.3805

Sweetspot

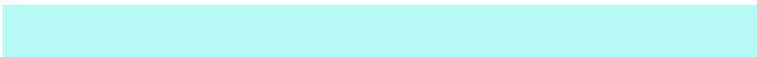
The Sweet Spot groups the original color and five complimentary colors.



52.4496, 0.2670, 0.2574



84.7079, 0.3003, 0.3098



84.4131, 0.2761, 0.3337



17.5536, 0.2978, 0.3059



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.



52.4496, 0.2670, 0.2574



48.1200, 0.2559, 0.2398



54.6546, 0.2872, 0.2569



16.8110, 0.2979, 0.3060



3.9095, 0.1510, 0.0636



0.4193, 0.1535, 0.0725

Inverse Universe

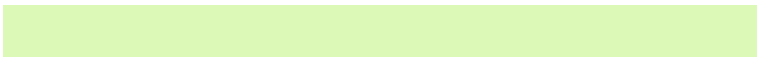
The Inverse Universe completely reimagines the original color for something new.



57.6059, 0.3665, 0.3249



54.5282, 0.3823, 0.3240



86.4756, 0.3333, 0.3999



17.2422, 0.3285, 0.3276



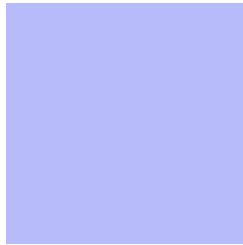
10.8056, 0.6339, 0.3266



1.0066, 0.6192, 0.3184

Previews

White Background



This preview shows how the Yxy color 52.4475, 0.2670, 0.2574 looks on a white background.

Color Contrast Check

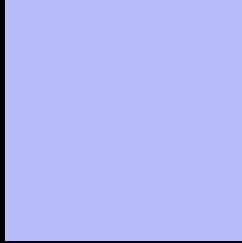
Large Text (above 18pt) WCAG AA × Fail

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 52.4475, 0.2670, 0.2574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

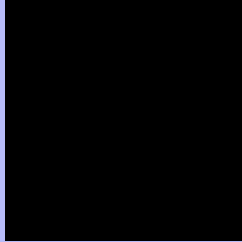
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.4475, 0.2670, 0.2574

Background



This preview shows how black text looks on a background with the Yxy color 52.4475, 0.2670, 0.2574.



This preview shows how white text looks on a background with the Yxy color 52.4475, 0.2670, 0.2574.

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

52.4475, 0.2670, 0.2574

Protanopia

52.4742, 0.2608, 0.2568

Deuteranopia

52.3897, 0.2644, 0.2581



Tritanopia

52.3507, 0.2868, 0.3089

Trichromacy



Original Color

52.4475, 0.2670, 0.2574

Protanomaly

52.3335, 0.2632, 0.2570

Deuteranomaly

52.5093, 0.2651, 0.2582

Tritanomaly

52.1084, 0.2795, 0.2887

Monochromacy



Original Color

52.4475, 0.2670, 0.2574

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.8845, 0.2951, 0.3023

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4475, 0.2670, 0.2574 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(183, 187, 249)` looks like.

```
.text, #text, p{  
    color:rgb(183, 187, 249)  
}
```

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(183, 187, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 187, 249) }
```

Border

The CSS property to change the border of an element to Yxy 52.4475, 0.2670, 0.2574 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(183, 187, 249) }
```

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

```
.border{ border-color:rgb(183, 187, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 187, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 187, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 187, 249);  
box-shadow:4px 4px 4px 4px rgb(183, 187,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4475, 0.2670, 0.2574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 187, 249) }
```

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

```
.background{ background-color: rgb(183,  
187, 249) }
```

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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