

Converting Colors

$Yxy(55.1389, 0.2767, 0.2613)$

Have a look what the booklet for
Yxy(55.1389, 0.2767, 0.2613)
contains.

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Color

Yxy(55.1051, 0.2769, 0.2616)

Conversions

Conversions Part 1

Format	Color
Hex	C5BDF9
RGB	197, 189, 249
RGB Percent	77%, 74%, 98%
CMY	0.2274, 0.2588, 0.0234
CMYK	0.21, 0.24, 0.00, 0.02
HSL	248°, 83%, 86%
HSV	248°, 24%, 98%
XYZ	58.3280, 55.1051, 97.2133
YIQ	198.2320, -14.4920, 20.3560

Conversions

Conversions Part 2

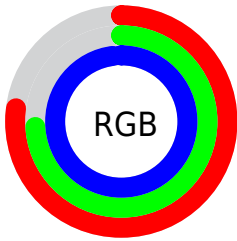
Format	Color
R _Y B	197, 189, 249
Decimal	12959225
CIE Lab	79.10, 14.97, -28.61
CIE LCh	79, 32.296, 297.624
Yxy	55.1051, 0.2769, 0.2616
Android (android.graphics.Color)	4291149305 (0xFFC5BDF9)
YUV	198.2320, 25.0286, -1.0805
Hunter-Lab	74.2328, 10.3479, -25.6816

Details

The Yxy color **55.1051, 0.2769, 0.2616** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **90.1528, 0.3437, 0.3905**, and the grayscale version is **56.4743, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5956, 0.3125, 0.3194**, and **27.1649, 0.2675, 0.2465** is the 20% darker color. If you saturate the color by 10%, you get **42.5899, 0.2589, 0.2289**, and if you desaturate by 10%, it is **69.8812, 0.2931, 0.2917**.

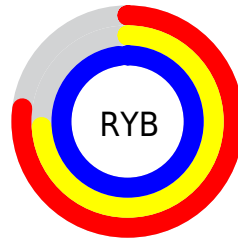
Distribution



Red (77%)

Green (74%)

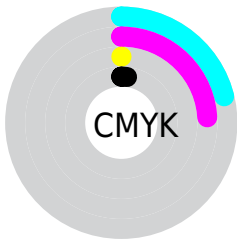
Blue (98%)



Red (77%)

Yellow (74%)

Blue (98%)

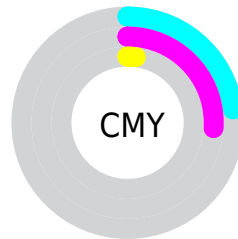


Cyan (21%)

Magenta (24%)

Yellow (0%)

Black (2%)



Cyan (23%)

Magenta (26%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.1051, 0.2769, 0.2616 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 55.1051, 0.2769, 0.2616 by changing the saturation by 10% instead.

■ 55.1051, 0.2769,
0.2616

■ 55.1051, 0.2769,
0.2616

406.3102, 0.2944,
0.2929

■ 39.4859, 0.2727,
0.2545

■ 97.6949, 0.2831,
0.2725

■ 27.1379, 0.2674,
0.2457

125.4343, 0.2855,
0.2767

■ 17.6768, 0.2606,
0.2346

157.9826, 0.2875,
0.2803

■ 10.7182, 0.2515,
0.2202

195.7240, 0.2893,
0.2835

■ 5.8777, 0.2387,
0.2010

239.0431, 0.2908,
0.2863

■ 2.7708, 0.2198,
0.1742

288.3243, 0.2922,

■ 1.0133, 0.1897,

0.2888

0.1353

343.9518, 0.2933,
0.2910

0.0000, 0.1087,
0.0000

0.0000, 0.0000,
0.0000

55.1051, 0.2769,
0.2616

55.1051, 0.2769,
0.2616

42.5899, 0.2589,
0.2289

69.8812, 0.2931,
0.2917

32.2172, 0.2394,
0.1945

87.0154, 0.3074,
0.3188

23.8683, 0.2194,
0.1601

99.6218, 0.3162,
0.3347

17.4097, 0.1999,
0.1278

■ 12.6920, 0.1823,
0.1002

■ 9.5429, 0.1681,
0.0794

■ 7.7538, 0.1581,
0.0667

■ 7.1690, 0.1542,
0.0623

Harmonies

Analogous

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



55.1051, 0.2472, 0.2626



55.1051, 0.2769, 0.2616



55.1051, 0.3182, 0.2759

Triad

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



55.1051, 0.2769, 0.2616



55.1051, 0.3975, 0.3694



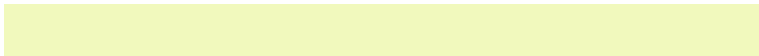
55.1051, 0.2649, 0.3564

Complementary

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



55.1051, 0.2769, 0.2616



90.1528, 0.3437, 0.3905

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.



55.1051, 0.3029, 0.3918



55.1051, 0.2769, 0.2616



55.1051, 0.3803, 0.3962

Square

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



55.1051, 0.2769, 0.2616



55.1051, 0.3904, 0.3355



55.1051, 0.3452, 0.4061



55.1051, 0.2405, 0.3144

Rectangle

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



55.1051, 0.2769, 0.2616



55.1051, 0.3472, 0.2924



55.1051, 0.3452, 0.4061



55.1051, 0.2764, 0.3698

Sweetspot

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



55.1073, 0.2769, 0.2616



86.3187, 0.3035, 0.3113



80.5892, 0.2764, 0.3202



18.2360, 0.3026, 0.3097



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.



55.1073, 0.2769, 0.2616



51.3538, 0.2682, 0.2457



59.5703, 0.2988, 0.2657



16.7540, 0.3000, 0.3046



3.8701, 0.1551, 0.0628



0.3918, 0.1635, 0.0674

Inverse Universe

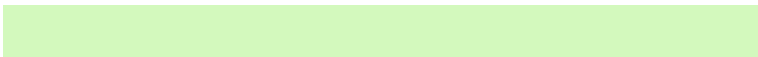
The Inverse Universe completely reimagines the original color for something new.



62.8928, 0.3215, 0.2764



60.9287, 0.3236, 0.2654



85.2983, 0.3236, 0.3946



17.4824, 0.3158, 0.3087



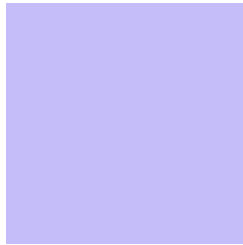
13.4435, 0.3578, 0.1745



1.2558, 0.3527, 0.1717

Previews

White Background



This preview shows how the Yxy color 55.1051, 0.2769, 0.2616 looks on a white background.

Color Contrast Check

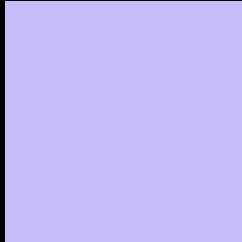
Large Text (above 18pt) WCAG AA × Fail

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 55.1051, 0.2769, 0.2616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

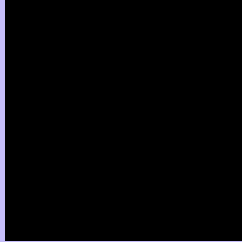
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.1051, 0.2769, 0.2616

Background



This preview shows how black text looks on a background with the Yxy color 55.1051, 0.2769, 0.2616.

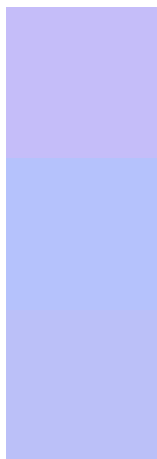


This preview shows how white text looks on a background with the Yxy color 55.1051, 0.2769, 0.2616.

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

55.1051, 0.2769, 0.2616

Protanopia

55.4356, 0.2648, 0.2625

Deuteranopia

55.0414, 0.2709, 0.2649



Tritanopia

55.1302, 0.2973, 0.3108

Trichromacy



Original Color

55.1051, 0.2769, 0.2616

Protanomaly

55.2291, 0.2691, 0.2618

Deuteranomaly

55.1153, 0.2735, 0.2642

Tritanomaly

54.9136, 0.2899, 0.2913

Monochromacy



Original Color

55.1051, 0.2769, 0.2616

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.0457, 0.2992, 0.3031

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1051, 0.2769, 0.2616 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(197, 189, 249)` looks like.

```
.text, #text, p{  
    color:rgb(197, 189, 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(197, 189, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 189, 249) }
```

Border

The CSS property to change the border of an element to Yxy 55.1051, 0.2769, 0.2616 is called "border". The border property can be set on classes, ids or directly on the HTML element.

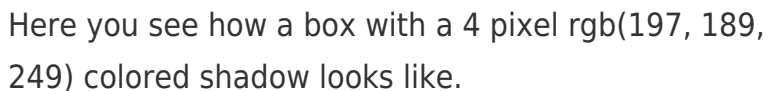
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 189, 249) }
```

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

```
.border{ border-color:rgb(197, 189, 249) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 189, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 189, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 189, 249); box-shadow:4px 4px 4px 4px rgb(197, 189, 249) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1051, 0.2769, 0.2616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 189, 249) }
```

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

```
.background{ background-color: rgb(197,  
189, 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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