

Converting Colors

Yxy(51.4037, 0.2806, 0.2420)

Have a look what the booklet for
Yxy(51.4037, 0.2806, 0.2420)
contains.

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Color

Yxy(51.4353, 0.2808, 0.2420)

Conversions

Conversions Part 1

Format	Color
Hex	D1AFFF
RGB	209, 175, 255
RGB Percent	82%, 69%, 100%
CMY	0.1803, 0.3138, 0.0000
CMYK	0.18, 0.31, 0.00, 0.00
HSL	266°, 100%, 84%
HSV	266°, 31%, 100%
XYZ	59.6820, 51.4353, 101.4253
YIQ	194.2860, -5.4160, 32.0880

Conversions

Conversions Part 2

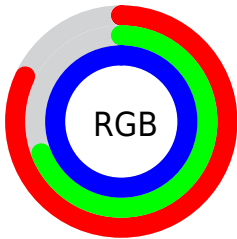
Format	Color
R _Y B	209, 175, 255
Decimal	13742079
CIE Lab	76.94, 27.55, -35.08
CIE LCh	77, 44.604, 308.141
Yxy	51.4353, 0.2808, 0.2420
Android (android.graphics.Color)	4291932159 (0xFFD1AFFF)
YUV	194.2860, 29.9320, 12.9042
Hunter-Lab	71.7184, 23.0352, -33.6460

Details

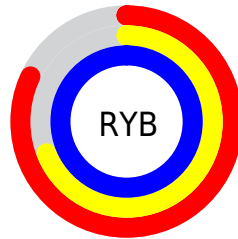
The Yxy color **51.4353, 0.2808, 0.2420** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **89.9841, 0.3373, 0.4140**, and the grayscale version is **53.9480, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6318, 0.3138, 0.3058**, and **24.7686, 0.2712, 0.2218** is the 20% darker color. If you saturate the color by 10%, you get **40.3879, 0.2677, 0.2111**, and if you desaturate by 10%, it is **64.5522, 0.2926, 0.2719**.

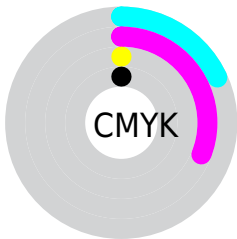
Distribution



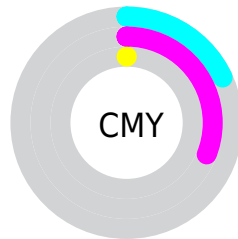
- Red (82%)
- Green (69%)
- Blue (100%)



- Red (82%)
- Yellow (69%)
- Blue (100%)



- Cyan (18%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)





- Cyan (18%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.4353, 0.2808, 0.2420 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 51.4353, 0.2808, 0.2420 by changing the saturation by 10% instead.

 51.4353, 0.2808,
0.2420

 51.4353, 0.2808,
0.2420


392.2527, 0.2970,
0.2819

 36.5552, 0.2768,
0.2331

 92.2979, 0.2867,
0.2557

 24.8633, 0.2717,
0.2222


119.0491, 0.2889,
0.2611

 15.9752, 0.2650,
0.2086


150.5262, 0.2908,
0.2657

 9.5066, 0.2560,
0.1913

187.1135, 0.2924,
0.2698

 5.0731, 0.2432,
0.1687

229.1954, 0.2938,
0.2733

 2.2902, 0.2239,
0.1384

277.1563, 0.2950,

 0.7685, 0.1930,

0.2765

0.0965

331.3806, 0.2960,
0.2793

0.0000, 0.1199,
0.0000

0.0000, 0.0000,
0.0000

51.4353, 0.2808,
0.2420

51.4353, 0.2808,
0.2420

40.3879, 0.2677,
0.2111

64.5522, 0.2926,
0.2719

31.3008, 0.2535,
0.1803

79.8432, 0.3028,
0.2999

24.0517, 0.2385,
0.1510

97.4030, 0.3116,
0.3257

18.5047, 0.2235,
0.1250

100.0000, 0.3127,
0.3290

■ 14.5040, 0.2092,
0.1039

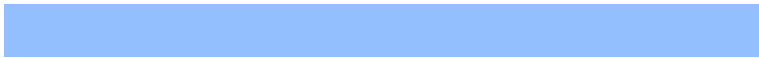
■ 11.8635, 0.1963,
0.0888

■ 10.4350, 0.1867,
0.0802

Harmonies

Analogous

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



51.4353, 0.2341, 0.2350



51.4353, 0.2808, 0.2420



51.4353, 0.3413, 0.2674

Triad

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



51.4353, 0.2808, 0.2420



51.4353, 0.4264, 0.3972



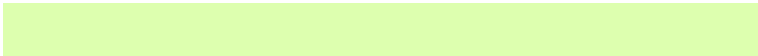
51.4353, 0.2315, 0.3457

Complementary

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



51.4353, 0.2808, 0.2420



89.9841, 0.3373, 0.4140

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.



51.4353, 0.2775, 0.4050



51.4353, 0.2808, 0.2420



51.4353, 0.3906, 0.4310

Square

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



51.4353, 0.2808, 0.2420



51.4353, 0.4304, 0.3520



51.4353, 0.3357, 0.4374



51.4353, 0.2078, 0.2878

Rectangle

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



51.4353, 0.2808, 0.2420



51.4353, 0.3811, 0.2921



51.4353, 0.3357, 0.4374



51.4353, 0.2447, 0.3667

Sweetspot

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



51.4347, 0.2808, 0.2420



83.8047, 0.3050, 0.3062



68.3975, 0.2631, 0.2914



17.4149, 0.3037, 0.3024



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.



51.4347, 0.2808, 0.2420



43.8913, 0.2723, 0.2216



57.8949, 0.3111, 0.2495



17.7552, 0.3046, 0.3049



5.5361, 0.1884, 0.0812



0.6018, 0.2010, 0.0881

Inverse Universe

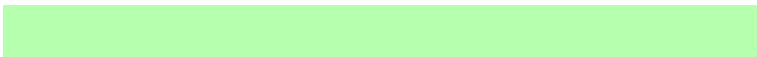
The Inverse Universe completely reimagines the original color for something new.



57.1370, 0.3438, 0.2821



50.5926, 0.3527, 0.2720



84.5187, 0.3123, 0.4209



18.1621, 0.3204, 0.3154



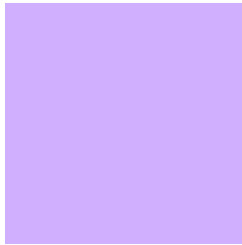
12.2331, 0.4649, 0.2334



1.2130, 0.4439, 0.2219

Previews

White Background



This preview shows how the Yxy color 51.4353, 0.2808, 0.2420 looks on a white background.

Color Contrast Check

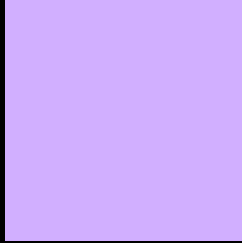
Large Text (above 18pt) WCAG AA × Fail

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 51.4353, 0.2808, 0.2420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

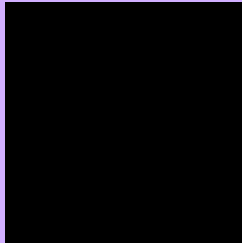
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.4353, 0.2808, 0.2420

Background



This preview shows how black text looks on a background with the Yxy color 51.4353, 0.2808, 0.2420.



This preview shows how white text looks on a background with the Yxy color 51.4353, 0.2808, 0.2420.

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

51.4353, 0.2808, 0.2420

Protanopia

51.7325, 0.2552, 0.2509

Deuteranopia

51.6312, 0.2587, 0.2522



Tritanopia

51.5673, 0.3135, 0.3121

Trichromacy



Original Color

51.4353, 0.2808, 0.2420

Protanomaly

51.2773, 0.2637, 0.2469

Deuteranomaly

51.5875, 0.2663, 0.2484

Tritanomaly

51.3197, 0.3009, 0.2846

Monochromacy



Original Color

51.4353, 0.2808, 0.2420

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

52.6406, 0.3007, 0.2947

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4353, 0.2808, 0.2420 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(209, 175, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 175, 255)  
}
```

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(209, 175, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 175, 255) }
```

Border

The CSS property to change the border of an element to Yxy 51.4353, 0.2808, 0.2420 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(209, 175, 255) }
```

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

```
.border{ border-color:rgb(209, 175, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 175, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 175, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 175, 255);  
box-shadow:4px 4px 4px 4px rgb(209, 175,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4353, 0.2808, 0.2420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 175, 255) }
```

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

```
.background{ background-color: rgb(209,  
175, 255) }
```

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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