

Converting Colors

$Yxy(48.5344, 0.2820, 0.2395)$

Have a look what the booklet for
Yxy(48.5344, 0.2820, 0.2395)
contains.

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Color

Yxy(48.5435, 0.2823, 0.2397)

Conversions

Conversions Part 1

Format	Color
Hex	CFA9FA
RGB	207, 169, 250
RGB Percent	81%, 66%, 98%
CMY	0.1883, 0.3372, 0.0196
CMYK	0.17, 0.32, 0.00, 0.02
HSL	268°, 89%, 82%
HSV	268°, 32%, 98%
XYZ	57.1708, 48.5435, 96.8035
YIQ	189.5960, -3.3530, 33.2470

Conversions

Conversions Part 2

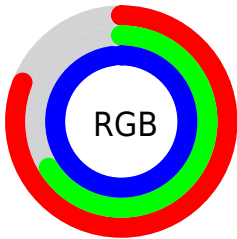
Format	Color
R _Y B	207, 169, 250
Decimal	13609466
CIE Lab	75.17, 29.11, -35.13
CIE LCh	75, 45.622, 309.646
Yxy	48.5435, 0.2823, 0.2397
Android (android.graphics.Color)	4291799546 (0xFFCFA9FA)
YUV	189.5960, 29.7792, 15.2633
Hunter-Lab	69.6732, 24.5413, -33.6060

Details

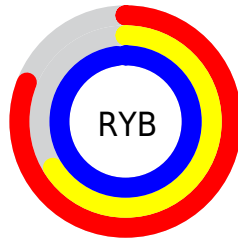
The Yxy color **48.5435, 0.2823, 0.2397** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **85.2436, 0.3356, 0.4176**, and the grayscale version is **51.0758, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3304, 0.3141, 0.2999**, and **23.0164, 0.2739, 0.2188** is the 20% darker color. If you saturate the color by 10%, you get **38.2819, 0.2701, 0.2093**, and if you desaturate by 10%, it is **60.7484, 0.2932, 0.2693**.

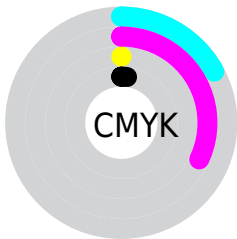
Distribution



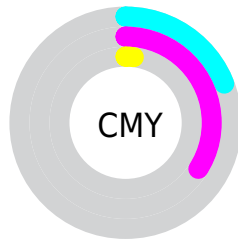
- Red (81%)
- Green (66%)
- Blue (98%)



- Red (81%)
- Yellow (66%)
- Blue (98%)



- Cyan (17%)
- Magenta (32%)
- Yellow (0%)
- Black (2%)




- Cyan (19%)
- Magenta (34%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.5435, 0.2823, 0.2397 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 48.5435, 0.2823, 0.2397 by changing the saturation by 10% instead.


 48.5435, 0.2823,
0.2397

 48.5435, 0.2823,
0.2397


380.9424, 0.2980,
0.2809

 34.2575, 0.2784,
0.2304


 88.0131, 0.2880,
0.2539

 23.0915, 0.2733,
0.2191


 113.9654, 0.2902,
0.2595

 14.6611, 0.2666,
0.2049


144.5754, 0.2920,
0.2643

 8.5819, 0.2575,
0.1867

180.2273, 0.2936,
0.2684

 4.4695, 0.2443,
0.1629

221.3055, 0.2949,
0.2721

 1.9395, 0.2242,
0.1310

268.1945, 0.2961,

 0.5720, 0.1921,

0.2754

0.0829

321.2787, 0.2971,
0.2783

0.0000, 0.0845,
0.0000

0.0000, 0.0000,
0.0000

48.5435, 0.2823,
0.2397

48.5435, 0.2823,
0.2397

38.2819, 0.2701,
0.2093

60.7484, 0.2932,
0.2693

29.8519, 0.2568,
0.1792

74.9881, 0.3028,
0.2973

23.1396, 0.2428,
0.1509

91.3552, 0.3109,
0.3231

18.0152, 0.2287,
0.1261

99.6825, 0.3156,
0.3338

■ 14.3294, 0.2152,
0.1061

■ 11.9024, 0.2029,
0.0919

■ 10.6972, 0.1946,
0.0845

Harmonies

Analogous

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



48.5435, 0.2329, 0.2313



48.5435, 0.2823, 0.2397



48.5435, 0.3457, 0.2667

Triad

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



48.5435, 0.2823, 0.2397



48.5435, 0.4298, 0.4016



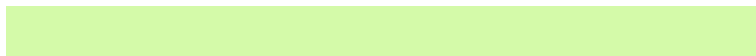
48.5435, 0.2264, 0.3430

Complementary

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



48.5435, 0.2823, 0.2397



85.2436, 0.3356, 0.4176

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.



48.5435, 0.2730, 0.4059



48.5435, 0.2823, 0.2397



48.5435, 0.3909, 0.4363

Square

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



48.5435, 0.2823, 0.2397



48.5435, 0.4361, 0.3549



48.5435, 0.3332, 0.4416



48.5435, 0.2033, 0.2833

Rectangle

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



48.5435, 0.2823, 0.2397



48.5435, 0.3868, 0.2927



48.5435, 0.3332, 0.4416



48.5435, 0.2396, 0.3650

Sweetspot

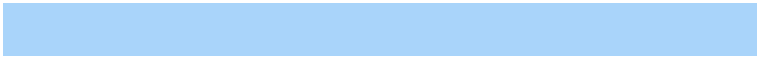
The Sweet Spot groups the original color and five complimentary colors.



48.5455, 0.2823, 0.2397



82.3162, 0.3048, 0.3036



62.5309, 0.2610, 0.2852



17.1262, 0.3036, 0.2999



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.



48.5455, 0.2823, 0.2397



43.4257, 0.2743, 0.2195



55.1134, 0.3143, 0.2478



17.0418, 0.3053, 0.3050



5.7578, 0.1962, 0.0855



0.5957, 0.2093, 0.0927

Inverse Universe

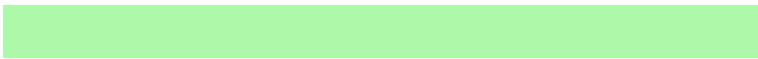
The Inverse Universe completely reimagines the original color for something new.



53.4617, 0.3482, 0.2841



49.4592, 0.3582, 0.2747



79.9784, 0.3098, 0.4250



17.3794, 0.3210, 0.3165



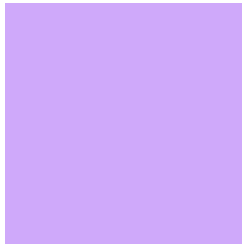
11.7055, 0.4830, 0.2434



1.1056, 0.4583, 0.2298

Previews

White Background



This preview shows how the Yxy color 48.5435, 0.2823, 0.2397 looks on a white background.

Color Contrast Check

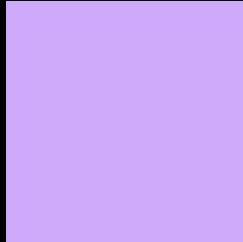
Large Text (above 18pt) WCAG AA × Fail

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 48.5435, 0.2823, 0.2397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

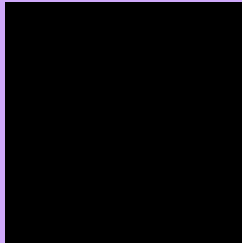
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.5435, 0.2823, 0.2397

Background



This preview shows how black text looks on a background with the Yxy color 48.5435, 0.2823, 0.2397.



This preview shows how white text looks on a background with the Yxy color 48.5435, 0.2823, 0.2397.

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

48.5435, 0.2823, 0.2397

Protanopia

48.8735, 0.2500, 0.2439

Deuteranopia

48.6063, 0.2581, 0.2515



Tritanopia

48.5433, 0.3169, 0.3118

Trichromacy



Original Color

48.5435, 0.2823, 0.2397

Protanomaly

48.5163, 0.2608, 0.2422

Deuteranomaly

48.2889, 0.2665, 0.2465

Tritanomaly

48.3232, 0.3039, 0.2838

Monochromacy



Original Color

48.5435, 0.2823, 0.2397

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

49.9451, 0.3013, 0.2929

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5435, 0.2823, 0.2397 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(207, 169, 250)` looks like.

```
.text, #text, p{  
    color:rgb(207, 169, 250)  
}
```

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(207, 169, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 169, 250) }
```

Border

The CSS property to change the border of an element to Yxy 48.5435, 0.2823, 0.2397 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(207, 169, 250) }
```

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

```
.border{ border-color:rgb(207, 169, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 169, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 169, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 169, 250);  
box-shadow:4px 4px 4px 4px rgb(207, 169,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5435, 0.2823, 0.2397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 169, 250) }
```

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

```
.background{ background-color: rgb(207,  
169, 250) }
```

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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