

Converting Colors

$Y_{xy}(44.3997, 0.2906, 0.2218)$

Have a look what the booklet for
Yxy(44.3997, 0.2906, 0.2218)
contains.

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Color

Yxy(44.3771, 0.2906, 0.2217)

Conversions

Conversions Part 1

Format	Color
Hex	DC97FC
RGB	220, 151, 252
RGB Percent	86%, 59%, 99%
CMY	0.1370, 0.4080, 0.0116
CMYK	0.13, 0.40, 0.00, 0.01
HSL	281°, 94%, 79%
HSV	281°, 40%, 99%
XYZ	58.1686, 44.3771, 97.6216
YIQ	183.1450, 8.7030, 46.0390

Conversions

Conversions Part 2

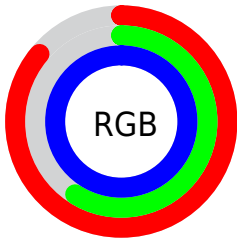
Format	Color
R _Y B	220, 151, 252
Decimal	14456828
CIE Lab	72.48, 43.13, -40.30
CIE LCh	72, 59.029, 316.942
Yxy	44.3771, 0.2906, 0.2217
Android (android.graphics.Color)	4292646908 (0xFFDC97FC)
YUV	183.1450, 33.9455, 32.3218
Hunter-Lab	66.6161, 39.2864, -40.2543

Details

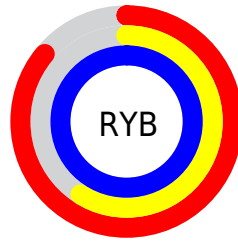
The Yxy color $44.3771, 0.2906, 0.2217$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $81.9356, 0.3260, 0.4458$, and the grayscale version is $47.2459, 0.3127, 0.3290$.

A 20% lighter version of the original color is $72.6226, 0.3150, 0.2811$, and $20.4620, 0.2824, 0.1971$ is the 20% darker color. If you saturate the color by 10%, you get $35.9022, 0.2830, 0.1947$, and if you desaturate by 10%, it is $54.6488, 0.2974, 0.2495$.

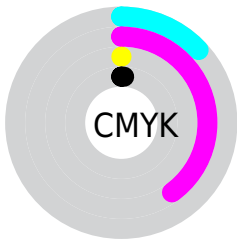
Distribution



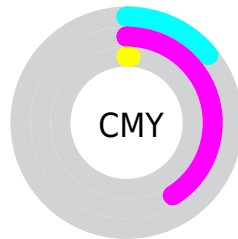
- Red (86%)
- Green (59%)
- Blue (99%)



- Red (86%)
- Yellow (59%)
- Blue (99%)



- Cyan (13%)
- Magenta (40%)
- Yellow (0%)
- Black (1%)





- Cyan (14%)
- Magenta (41%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.3771, 0.2906, 0.2217 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 44.3771, 0.2906, 0.2217 by changing the saturation by 10% instead.


 44.3771, 0.2906,
0.2217


 44.3771, 0.2906,
0.2217


364.2449, 0.3030,
0.2707

 30.9671, 0.2873,
0.2109


 81.7849, 0.2953,
0.2385

 20.5738, 0.2829,
0.1977


 106.5514, 0.2970,
0.2450

 12.8128, 0.2769,
0.1814


135.8723, 0.2985,
0.2507

 7.2998, 0.2686,
0.1609

170.1319, 0.2997,
0.2557

 3.6503, 0.2561,
0.1347

209.7145, 0.3007,
0.2601

 1.4799, 0.2365,
0.1008

255.0046, 0.3016,

 0.2745, 0.2071,

0.2640

0.0404

306.3866, 0.3023,
0.2675

0.0000, 0.1040,
0.0000

0.0000, 0.0000,
0.0000

44.3771, 0.2906,
0.2217

44.3771, 0.2906,
0.2217

35.9022, 0.2830,
0.1947

54.6488, 0.2974,
0.2495

29.1061, 0.2748,
0.1697

66.8141, 0.3034,
0.2771

23.8653, 0.2661,
0.1480

80.9694, 0.3084,
0.3037

20.0366, 0.2574,
0.1306

97.2031, 0.3127,
0.3288

■ 17.4491, 0.2489,
0.1181

99.8103, 0.3144,
0.3318

■ 15.8336, 0.2409,
0.1101

Harmonies

Analogous

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



44.3771, 0.2221, 0.2047



44.3771, 0.2906, 0.2217



44.3771, 0.3764, 0.2598

Triad

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



44.3771, 0.2906, 0.2217



44.3771, 0.4548, 0.4316



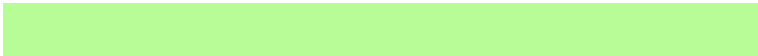
44.3771, 0.1903, 0.3238

Complementary

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



44.3771, 0.2906, 0.2217



81.9356, 0.3260, 0.4458

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.



44.3771, 0.2416, 0.4150



44.3771, 0.2906, 0.2217



44.3771, 0.3942, 0.4763

Square

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



44.3771, 0.2906, 0.2217



44.3771, 0.4782, 0.3722



44.3771, 0.3162, 0.4769



44.3771, 0.1709, 0.2514

Rectangle

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



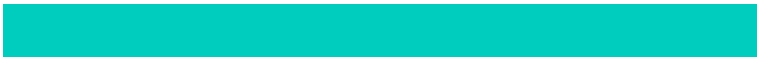
44.3771, 0.2906, 0.2217



44.3771, 0.4289, 0.2939



44.3771, 0.3162, 0.4769



44.3771, 0.2040, 0.3540

Sweetspot

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



44.3790, 0.2906, 0.2217



80.2163, 0.3075, 0.2987



47.4634, 0.2442, 0.2453



16.7486, 0.3069, 0.2953



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.



44.3790, 0.2906, 0.2217



38.5261, 0.2846, 0.2002



48.7378, 0.3331, 0.2460



17.2331, 0.3087, 0.3053



8.3278, 0.2422, 0.1108



0.8279, 0.2518, 0.1161

Inverse Universe

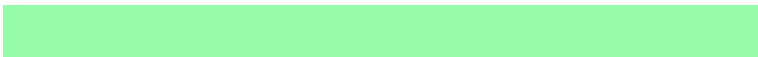
The Inverse Universe completely reimagines the original color for something new.



46.2425, 0.3817, 0.2954



40.8785, 0.4028, 0.2891



79.1013, 0.2977, 0.4298



17.3157, 0.3244, 0.3215



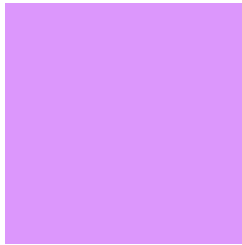
11.1036, 0.5707, 0.2918



1.0467, 0.5372, 0.2733

Previews

White Background



This preview shows how the Yxy color 44.3771, 0.2906, 0.2217 looks on a white background.

Color Contrast Check

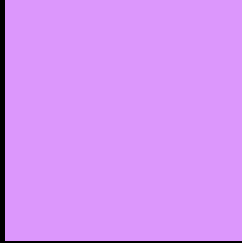
Large Text (above 18pt) WCAG AA × Fail

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 44.3771, 0.2906, 0.2217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

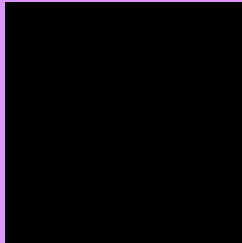
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.3771, 0.2906, 0.2217

Background



This preview shows how black text looks on a background with the Yxy color 44.3771, 0.2906, 0.2217.



This preview shows how white text looks on a background with the Yxy color 44.3771, 0.2906, 0.2217.

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

44.3771, 0.2906, 0.2217

Protanopia

44.9461, 0.2419, 0.2337

Deuteranopia

44.7346, 0.2480, 0.2421



Tritanopia

44.4474, 0.3413, 0.3144

Trichromacy



Original Color

44.3771, 0.2906, 0.2217



Protanomaly

44.1403, 0.2574, 0.2280



Deuteranomaly

44.0607, 0.2618, 0.2330

Tritanomaly

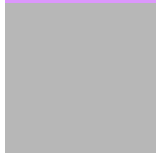
44.0921, 0.3216, 0.2762

Monochromacy



Original Color

44.3771, 0.2906, 0.2217



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

45.4156, 0.3045, 0.2838

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3771, 0.2906, 0.2217 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(220, 151, 252)` looks like.

```
.text, #text, p{  
    color:rgb(220, 151, 252)  
}
```

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(220, 151, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 151, 252) }
```

Border

The CSS property to change the border of an element to Yxy 44.3771, 0.2906, 0.2217 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(220, 151, 252) }
```

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

```
.border{ border-color:rgb(220, 151, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 151, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 151, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 151, 252); box-shadow:4px 4px 4px 4px rgb(220, 151, 252) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3771, 0.2906, 0.2217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 151, 252) }
```

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

```
.background{ background-color: rgb(220,  
151, 252) }
```

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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