

Converting Colors

$Y_{xy}(44.4530, 0.3050, 0.2487)$

Have a look what the booklet for
Yxy(44.4530, 0.3050, 0.2487)
contains.

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Color

Yxy(44.3700, 0.3051, 0.2483)

Conversions

Conversions Part 1

Format	Color
Hex	D89DE5
RGB	216, 157, 229
RGB Percent	85%, 62%, 90%
CMY	0.1529, 0.3843, 0.1020
CMYK	0.06, 0.31, 0.00, 0.10
HSL	289°, 58%, 76%
HSV	289°, 31%, 90%
XYZ	54.5199, 44.3700, 79.8052
YIQ	182.8490, 12.0520, 34.9000

Conversions

Conversions Part 2

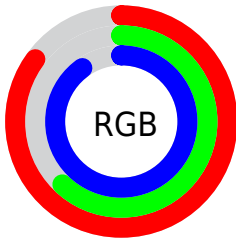
Format	Color
R _Y B	216, 157, 229
Decimal	14196197
CIE Lab	72.48, 34.08, -27.78
CIE LCh	72, 43.970, 320.816
Yxy	44.3700, 0.3051, 0.2483
Android (android.graphics.Color)	4292386277 (0xFFD89DE5)
YUV	182.8490, 22.7524, 29.0734
Hunter-Lab	66.6108, 29.5305, -24.4067

Details

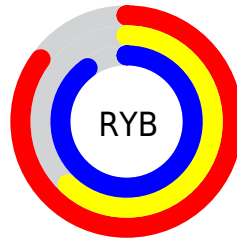
The Yxy color $44.3700, 0.3051, 0.2483$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $67.0049, 0.3170, 0.4192$, and the grayscale version is $47.1364, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.5670, 0.3147, 0.2871$, and $20.5939, 0.3018, 0.2294$ is the 20% darker color. If you saturate the color by 10%, you get $36.7159, 0.3016, 0.2224$, and if you desaturate by 10%, it is $53.4956, 0.3080, 0.2747$.

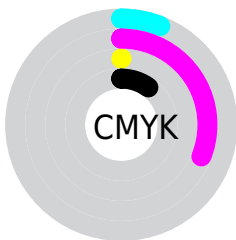
Distribution



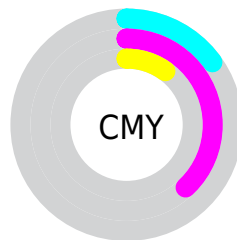
- Red (85%)
- Green (62%)
- Blue (90%)



- Red (85%)
- Yellow (62%)
- Blue (90%)



- Cyan (6%)
- Magenta (31%)
- Yellow (0%)
- Black (10%)




- Cyan (15%)
- Magenta (38%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.3700, 0.3051, 0.2483 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 44.3700, 0.3051, 0.2483 by changing the saturation by 10% instead.


 44.3700, 0.3051,
0.2483

 44.3700, 0.3051,
0.2483


364.2160, 0.3098,
0.2862

 30.9615, 0.3037,
0.2396


 81.7742, 0.3070,
0.2615

 20.5695, 0.3018,
0.2287

 106.5387, 0.3077,
0.2667

 12.8097, 0.2990,
0.2150


135.8573, 0.3082,
0.2711

 7.2976, 0.2949,
0.1972

170.1145, 0.3087,
0.2749

 3.6489, 0.2883,
0.1732

209.6945, 0.3090,
0.2783

 1.4792, 0.2768,
0.1396

254.9818, 0.3093,

 0.2740, 0.2613,

0.2812

0.0640

306.3609, 0.3096,
0.2839

0.0000, 0.0373,
0.0000

0.0000, 0.0000,
0.0000

44.3700, 0.3051,
0.2483

44.3700, 0.3051,
0.2483

36.7159, 0.3016,
0.2224

53.4956, 0.3080,
0.2747

30.4461, 0.2977,
0.1979

64.1620, 0.3105,
0.3006


25.4732, 0.2934,
0.1760


76.4411, 0.3125,
0.3255


21.6971, 0.2887,
0.1576


90.3984, 0.3140,
0.3490

 19.0034, 0.2839,
0.1435


 95.1184, 0.3163,
0.3551


 17.2545, 0.2791,
0.1340

 95.8351, 0.3189,
0.3549

 16.3144, 0.2751,
0.1289

 96.5682, 0.3215,
0.3547

 97.3178, 0.3241,
0.3545

 98.0841, 0.3268,
0.3543

Harmonies

Analogous

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



44.3700, 0.2494, 0.2326



44.3700, 0.3051, 0.2483



44.3700, 0.3690, 0.2809

Triad

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



44.3700, 0.3051, 0.2483



44.3700, 0.4178, 0.4162



44.3700, 0.2154, 0.3191

Complementary

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



44.3700, 0.3051, 0.2483



67.0049, 0.3170, 0.4192

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.



44.3700, 0.2537, 0.3836



44.3700, 0.3051, 0.2483



44.3700, 0.3705, 0.4419

Square

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



44.3700, 0.3051, 0.2483



44.3700, 0.4374, 0.3726



44.3700, 0.3102, 0.4323



44.3700, 0.2019, 0.2666

Rectangle

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



44.3700, 0.3051, 0.2483



44.3700, 0.4056, 0.3093



44.3700, 0.3102, 0.4323



44.3700, 0.2256, 0.3404

Sweetspot

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



44.3719, 0.3051, 0.2483



85.4458, 0.3110, 0.3067



41.6478, 0.2589, 0.2539



17.8199, 0.3107, 0.3029



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.



44.3719, 0.3051, 0.2483



49.8067, 0.3028, 0.2306



45.2346, 0.3364, 0.2740



14.4771, 0.3109, 0.3056



9.3776, 0.2758, 0.1293



0.7274, 0.2828, 0.1331

Inverse Universe

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



43.6702, 0.3713, 0.3142



48.8648, 0.3898, 0.3109



66.4835, 0.2951, 0.3914



14.4102, 0.3264, 0.3248



9.6293, 0.6120, 0.3145



0.7239, 0.5735, 0.2933

Previews

White Background



This preview shows how the Yxy color 44.3700, 0.3051, 0.2483 looks on a white background.

Color Contrast Check

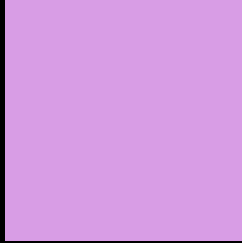
Large Text (above 18pt) WCAG AA × Fail

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 44.3700, 0.3051, 0.2483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

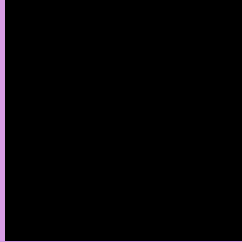
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.3700, 0.3051, 0.2483

Background



This preview shows how black text looks on a background with the Yxy color 44.3700, 0.3051, 0.2483.

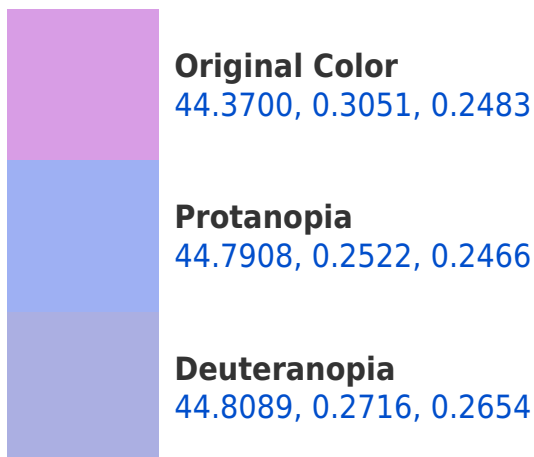


This preview shows how white text looks on a background with the Yxy color 44.3700, 0.3051, 0.2483.

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





Tritanopia

44.4880, 0.3404, 0.3132

Trichromacy



Original Color

44.3700, 0.3051, 0.2483



Protanomaly

44.1327, 0.2690, 0.2463



Deuteranomaly

44.1161, 0.2826, 0.2578



Tritanomaly

44.2687, 0.3275, 0.2874

Monochromacy



Original Color

44.3700, 0.3051, 0.2483



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

46.0443, 0.3099, 0.2969

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3700, 0.3051, 0.2483 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(216, 157, 229)` looks like.

```
.text, #text, p{  
    color:rgb(216, 157, 229)  
}
```

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(216, 157, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 157, 229) }
```

Border

The CSS property to change the border of an element to Yxy 44.3700, 0.3051, 0.2483 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(216, 157, 229) }
```

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

```
.border{ border-color:rgb(216, 157, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 157, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 157, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 157, 229);  
box-shadow:4px 4px 4px 4px rgb(216, 157,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3700, 0.3051, 0.2483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 157, 229) }
```

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

```
.background{ background-color: rgb(216,  
157, 229) }
```

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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