

Converting Colors

$Y_{xy}(40.7555, 0.3063, 0.2422)$

Have a look what the booklet for
Yxy(40.7555, 0.3063, 0.2422)
contains.

Yxy(40.7078, 0.3067, 0.2425)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(40.7078, 0.3067, 0.2425)

Conversions

Conversions Part 1

Format	Color
Hex	D594E0
RGB	213, 148, 224
RGB Percent	84%, 58%, 88%
CMY	0.1647, 0.4196, 0.1215
CMYK	0.05, 0.34, 0.00, 0.12
HSL	291°, 55%, 73%
HSV	291°, 34%, 88%
XYZ	51.4849, 40.7078, 75.6745
YIQ	176.0990, 14.3440, 37.4160

Conversions

Conversions Part 2

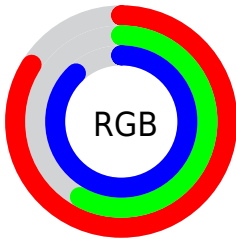
Format	Color
R _Y B	213, 148, 224
Decimal	13997280
CIE Lab	69.97, 37.02, -28.93
CIE LCh	70, 46.985, 321.992
Yxy	40.7078, 0.3067, 0.2425
Android (android.graphics.Color)	4292187360 (0xFFD594E0)
YUV	176.0990, 23.6152, 32.3622
Hunter-Lab	63.8027, 32.3840, -25.6603

Details

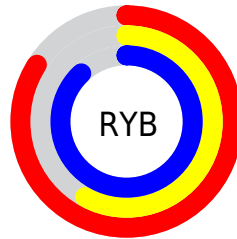
The Yxy color **40.7078, 0.3067, 0.2425** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **62.8310, 0.3154, 0.4279**, and the grayscale version is **43.3405, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.1919, 0.3151, 0.2782**, and **18.3984, 0.3027, 0.2206** is the 20% darker color. If you saturate the color by 10%, you get **33.8678, 0.3040, 0.2174**, and if you desaturate by 10%, it is **48.9209, 0.3089, 0.2685**.

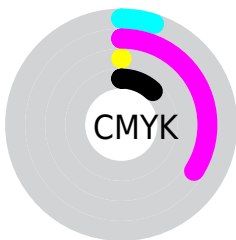
Distribution



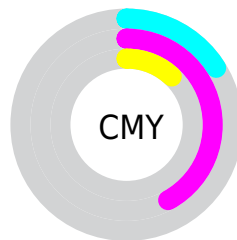
- Red (84%)
- Green (58%)
- Blue (88%)



- Red (84%)
- Yellow (58%)
- Blue (88%)



- Cyan (5%)
- Magenta (34%)
- Yellow (0%)
- Black (12%)




- Cyan (16%)
- Magenta (42%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.7078, 0.3067, 0.2425 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 40.7078, 0.3067, 0.2425 by changing the saturation by 10% instead.


 40.7078, 0.3067,
0.2425


 40.7078, 0.3067,
0.2425


349.0979, 0.3109,
0.2835

 28.0908, 0.3054,
0.2330


 76.2401, 0.3084,
0.2569

 18.3941, 0.3035,
0.2212


 99.9243, 0.3090,
0.2624

 11.2333, 0.3008,
0.2062


128.0663, 0.3095,
0.2672

 6.2240, 0.2965,
0.1866

161.0505, 0.3099,
0.2713

 2.9818, 0.2895,
0.1602

199.2614, 0.3102,
0.2749

 1.1222, 0.2766,
0.1235

243.0833, 0.3104,


 0.0000, 0.2690,


0.2781

0.0000


292.9007, 0.3107,
0.2809


 0.0000, 0.0000,
0.0000

 40.7078, 0.3067,
0.2425


 40.7078, 0.3067,
0.2425


 33.8678, 0.3040,
0.2174


 48.9209, 0.3089,
0.2685


 28.3168, 0.3010,
0.1941

 58.5743, 0.3108,
0.2943


 23.9697, 0.2976,
0.1736


 69.7371, 0.3122,
0.3195


 20.7289, 0.2940,
0.1570

 82.4724, 0.3134,
0.3433


 18.4814, 0.2902,
0.1448

 93.5991, 0.3145,
0.3607


 17.0901, 0.2864,
0.1370

 94.1392, 0.3165,
0.3605

 16.5284, 0.2841,
0.1339

 94.6893, 0.3186,
0.3603

 95.2495, 0.3206,
0.3601

 95.8198, 0.3227,
0.3599

Harmonies

Analogous

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



40.7078, 0.2454, 0.2247



40.7078, 0.3067, 0.2425



40.7078, 0.3770, 0.2782

Triad

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



40.7078, 0.3067, 0.2425



40.7078, 0.4257, 0.4249



40.7078, 0.2055, 0.3147

Complementary

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



40.7078, 0.3067, 0.2425



62.8310, 0.3154, 0.4279

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.



40.7078, 0.2457, 0.3866



40.7078, 0.3067, 0.2425



40.7078, 0.3726, 0.4536

Square

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



40.7078, 0.3067, 0.2425



40.7078, 0.4493, 0.3773



40.7078, 0.3066, 0.4423



40.7078, 0.1924, 0.2584

Rectangle

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



40.7078, 0.3067, 0.2425



40.7078, 0.4169, 0.3089



40.7078, 0.3066, 0.4423



40.7078, 0.2160, 0.3381

Sweetspot

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



40.7096, 0.3067, 0.2425



84.1012, 0.3114, 0.3042



36.6157, 0.2537, 0.2435



17.5591, 0.3112, 0.3006



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.



40.7096, 0.3067, 0.2425



47.6741, 0.3048, 0.2239



41.0814, 0.3412, 0.2724



13.8297, 0.3115, 0.3057



9.6584, 0.2847, 0.1342



0.6973, 0.2906, 0.1374

Inverse Universe

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



39.5354, 0.3806, 0.3161



45.9554, 0.4027, 0.3133



62.6954, 0.2924, 0.3936



13.7328, 0.3269, 0.3256



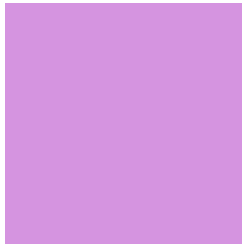
9.2967, 0.6198, 0.3188



0.6548, 0.5828, 0.2984

Previews

White Background



This preview shows how the Yxy color 40.7078, 0.3067, 0.2425 looks on a white background.

Color Contrast Check

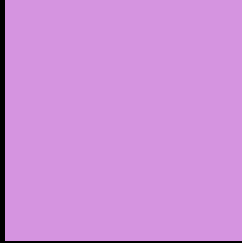
Large Text (above 18pt) WCAG AA × Fail

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 40.7078, 0.3067, 0.2425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

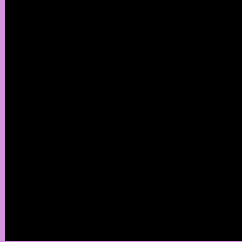
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.7078, 0.3067, 0.2425

Background



This preview shows how black text looks on a background with the Yxy color 40.7078, 0.3067, 0.2425.

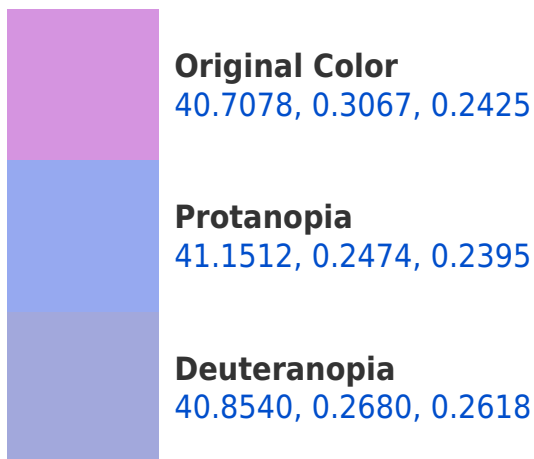


This preview shows how white text looks on a background with the Yxy color 40.7078, 0.3067, 0.2425.

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

40.8584, 0.3475, 0.3141

Trichromacy



Original Color

40.7078, 0.3067, 0.2425



Protanomaly

40.3145, 0.2662, 0.2394



Deuteranomaly

40.5340, 0.2816, 0.2545



Tritanomaly

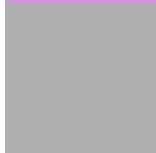
40.7157, 0.3329, 0.2865

Monochromacy



Original Color

40.7078, 0.3067, 0.2425



Achromatopsia

43.4154, 0.3127, 0.3290



Achromatomaly

41.9415, 0.3107, 0.2945

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.7078, 0.3067, 0.2425 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(213, 148, 224)` looks like.

```
.text, #text, p{  
    color:rgb(213, 148, 224)  
}
```

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(213, 148, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 148, 224) }
```

Border

The CSS property to change the border of an element to Yxy 40.7078, 0.3067, 0.2425 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(213, 148, 224) }
```

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

```
.border{ border-color:rgb(213, 148, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 148, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 148, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 148, 224);  
box-shadow:4px 4px 4px 4px rgb(213, 148,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 40.7078, 0.3067, 0.2425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 148, 224) }
```

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

```
.background{ background-color: rgb(213,  
148, 224) }
```

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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