

Converting Colors

Yxy(34.7404, 0.3024, 0.2026)

Have a look what the booklet for
Yxy(34.7404, 0.3024, 0.2026)
contains.

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Color

Yxy(34.7389, 0.3024, 0.2026)

Conversions

Conversions Part 1

Format	Color
Hex	DD77EE
RGB	221, 119, 238
RGB Percent	87%, 47%, 93%
CMY	0.1333, 0.5333, 0.0666
CMYK	0.07, 0.50, 0.00, 0.07
HSL	291°, 78%, 70%
HSV	291°, 50%, 93%
XYZ	51.8512, 34.7389, 84.8754
YIQ	163.0640, 22.5930, 58.6330

Conversions

Conversions Part 2

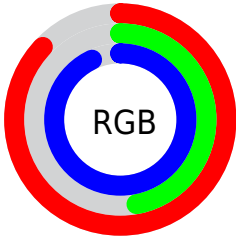
Format	Color
RYB	221, 119, 238
Decimal	14514158
CIELab	65.54, 57.06, -43.47
CIElCh	66, 71.733, 322.700
Yxy	34.7389, 0.3024, 0.2026
Android (android.graphics.Color)	4292704238 (0xFFDD77EE)
YUV	163.0640, 36.9434, 50.8099
Hunter-Lab	58.9397, 53.8877, -44.1220

Details

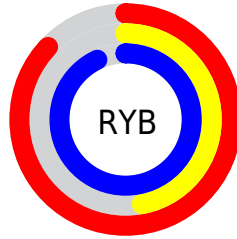
The Yxy color **34.7389, 0.3024, 0.2026** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **67.7272, 0.3148, 0.4838**, and the grayscale version is **36.4729, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.7521, 0.3164, 0.2498**, and **14.9445, 0.2952, 0.1734** is the 20% darker color. If you saturate the color by 10%, you get **29.2383, 0.2992, 0.1810**, and if you desaturate by 10%, it is **41.6717, 0.3053, 0.2268**.

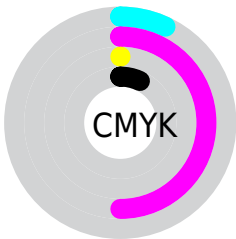
Distribution



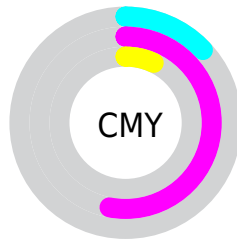
- Red (87%)
- Green (47%)
- Blue (93%)



- Red (87%)
- Yellow (47%)
- Blue (93%)



- Cyan (7%)
- Magenta (50%)
- Yellow (0%)
- Black (7%)





- Cyan (13%)
- Magenta (53%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.7389, 0.3024, 0.2026 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 34.7389, 0.3024, 0.2026 by changing the saturation by 10% instead.


 34.7389, 0.3024,
0.2026


 34.7389, 0.3024,
0.2026


323.4143, 0.3101,
0.2610


 23.4618, 0.2999,
0.1896


 67.0811, 0.3057,
0.2227

 14.9349, 0.2963,
0.1738


 88.9150, 0.3068,
0.2306

 8.7737, 0.2911,
0.1543


 115.0366, 0.3077,
0.2374

 4.5939, 0.2831,
0.1299

145.8303, 0.3084,
0.2433

 2.0110, 0.2703,
0.0994

181.6806, 0.3089,
0.2485

 0.6139, 0.2486,
0.0596

222.9717, 0.3094,


 0.0000, 0.2111,


0.2532


0.0000

270.0882, 0.3098,
0.2573

 0.0000, 0.0000,
0.0000


 34.7389, 0.3024,
0.2026


 34.7389, 0.3024,
0.2026


 29.2383, 0.2992,
0.1810


 41.6717, 0.3053,
0.2268


 25.0573, 0.2957,
0.1628


 50.1290, 0.3077,
0.2524


 22.0740, 0.2920,
0.1489

 60.2007, 0.3098,
0.2785

 20.1413, 0.2882,
0.1395

 71.9683, 0.3114,
0.3042

 19.0108, 0.2845,
0.1341

 85.5080, 0.3127,
0.3290

■ 96.4689, 0.3140,
0.3458

■ 97.0747, 0.3162,
0.3457

■ 97.6917, 0.3183,
0.3456

■ 98.3200, 0.3205,
0.3455

Harmonies

Analogous

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



34.7389, 0.2109, 0.1768



34.7389, 0.3024, 0.2026



34.7389, 0.4165, 0.2521

Triad

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



34.7389, 0.3024, 0.2026



34.7389, 0.4757, 0.4635



34.7389, 0.1506, 0.2963

Complementary

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



34.7389, 0.3024, 0.2026



67.7272, 0.3148, 0.4838

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.



34.7389, 0.2032, 0.4215



34.7389, 0.3024, 0.2026



34.7389, 0.3902, 0.5250

Square

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



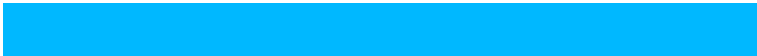
34.7389, 0.3024, 0.2026



34.7389, 0.5233, 0.3881



34.7389, 0.2913, 0.5215



34.7389, 0.1371, 0.2144

Rectangle

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



34.7389, 0.3024, 0.2026



34.7389, 0.4819, 0.2941



34.7389, 0.2913, 0.5215



34.7389, 0.1635, 0.3349

Sweetspot

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



34.7404, 0.3024, 0.2026



76.9546, 0.3106, 0.2913



27.9451, 0.2212, 0.1934



15.8585, 0.3103, 0.2859



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.



34.7404, 0.3024, 0.2026



34.0681, 0.2991, 0.1805



35.3757, 0.3607, 0.2460



15.9102, 0.3115, 0.3056



10.6478, 0.2851, 0.1344



0.9168, 0.2901, 0.1372

Inverse Universe

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



33.1516, 0.4339, 0.3107



32.2147, 0.4750, 0.3084



67.6430, 0.2849, 0.4322



15.7956, 0.3271, 0.3257



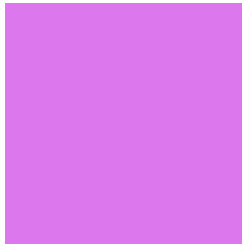
10.2167, 0.6208, 0.3193



0.8612, 0.5897, 0.3022

Previews

White Background



This preview shows how the Yxy color 34.7389, 0.3024, 0.2026 looks on a white background.

Color Contrast Check

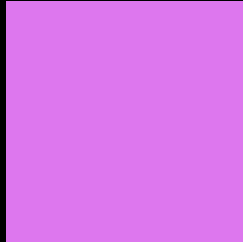
Large Text (above 18pt) WCAG AA × Fail

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 34.7389, 0.3024, 0.2026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

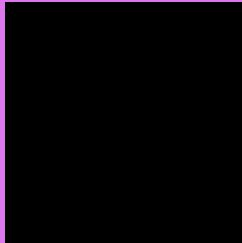
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.7389, 0.3024, 0.2026

Background



This preview shows how black text looks on a background with the Yxy color 34.7389, 0.3024, 0.2026.

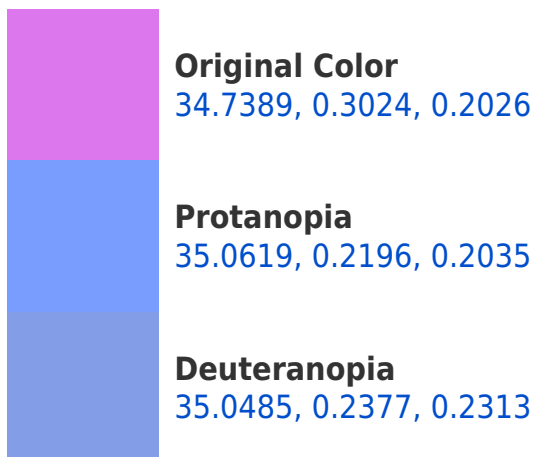


This preview shows how white text looks on a background with the Yxy color 34.7389, 0.3024, 0.2026.

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

34.5458, 0.3765, 0.3153

Trichromacy



Original Color

34.7389, 0.3024, 0.2026



Protanomaly

33.6526, 0.2424, 0.1998



Deuteranomaly

33.7795, 0.2570, 0.2163



Tritanomaly

34.0676, 0.3474, 0.2675

Monochromacy



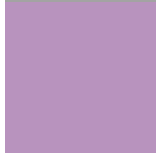
Original Color

34.7389, 0.3024, 0.2026



Achromatopsia

36.6253, 0.3127, 0.3290



Achromatomaly

34.7755, 0.3095, 0.2725

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7389, 0.3024, 0.2026 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(221, 119, 238)` looks like.

```
.text, #text, p{  
    color:rgb(221, 119, 238)  
}
```

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(221, 119, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 119, 238) }
```

Border

The CSS property to change the border of an element to Yxy 34.7389, 0.3024, 0.2026 is called "border". The border property can be set on classes, ids or directly on the HTML element.

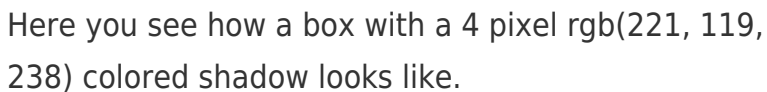
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(221, 119, 238) }
```

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

```
.border{ border-color:rgb(221, 119, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(221, 119, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 119, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 119, 238); box-shadow:4px 4px 4px 4px rgb(221, 119, 238) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7389, 0.3024, 0.2026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 119, 238) }
```

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

```
.background{ background-color: rgb(221,  
119, 238) }
```

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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