

Converting Colors

$Yxy(74.2474, 0.2992, 0.3000)$

Have a look what the booklet for
Yxy(74.2474, 0.2992, 0.3000)
contains.

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Color

Yxy(74.1325, 0.2989, 0.2998)

Conversions

Conversions Part 1

Format	Color
Hex	E2DCF8
RGB	226, 220, 248
RGB Percent	89%, 86%, 97%
CMY	0.1136, 0.1373, 0.0274
CMYK	0.09, 0.11, 0.00, 0.03
HSL	253°, 67%, 92%
HSV	253°, 11%, 97%
XYZ	73.9100, 74.1325, 99.2307
YIQ	224.9860, -5.4120, 9.9800

Conversions

Conversions Part 2

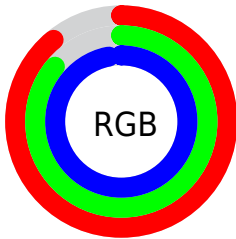
Format	Color
R _Y B	226, 220, 248
Decimal	14867704
CIE Lab	88.99, 7.27, -12.90
CIE LCh	89, 14.804, 299.398
Yxy	74.1325, 0.2989, 0.2998
Android (android.graphics.Color)	4293057784 (0xFFE2DCF8)
YUV	224.9860, 11.3459, 0.8893
Hunter-Lab	86.1002, 2.5521, -8.0617

Details

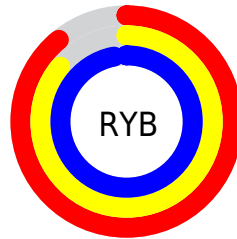
The Yxy color **74.1325, 0.2989, 0.2998** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **91.1826, 0.3256, 0.3573**, and the grayscale version is **75.2098, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.3740, 0.2956, 0.2927** is the 20% darker color. If you saturate the color by 10%, you get **59.0998, 0.2847, 0.2709**, and if you desaturate by 10%, it is **91.4594, 0.3112, 0.3258**.

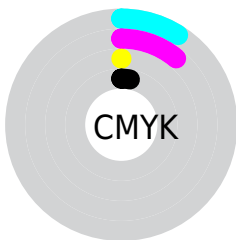
Distribution



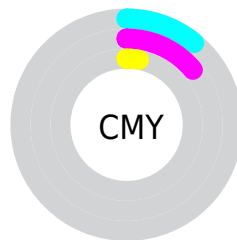
- Red (89%)
- Green (86%)
- Blue (97%)



- Red (89%)
- Yellow (86%)
- Blue (97%)



- Cyan (9%)
- Magenta (11%)
- Yellow (0%)
- Black (3%)





- Cyan (11%)
- Magenta (14%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.1325, 0.2989, 0.2998 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 74.1325, 0.2989, 0.2998 by changing the saturation by 10% instead.


 74.1325, 0.2989,
0.2998

 74.1325, 0.2989,
0.2998


474.9305, 0.3053,
0.3131

 54.9025, 0.2974,
0.2968


125.0836, 0.3011,
0.3043

 39.3237, 0.2956,
0.2932


157.5735, 0.3020,
0.3061

 27.0116, 0.2933,
0.2887


195.2522, 0.3028,
0.3077

 17.5819, 0.2903,
0.2828

238.5040, 0.3034,
0.3090

 10.6503, 0.2861,
0.2749

287.7133, 0.3040,
0.3102

 5.8322, 0.2801,
0.2639

343.2646, 0.3045,

 2.7433, 0.2708,

0.3113

0.2474

405.5422, 0.3049,
0.3122

0.9992, 0.2544,
0.2200

0.0000, 0.0831,
0.0000

74.1325, 0.2989,
0.2998

74.1325, 0.2989,
0.2998

59.0998, 0.2847,
0.2709

91.4594, 0.3112,
0.3258

46.2554, 0.2688,
0.2394

99.5582, 0.3168,
0.3357

35.4988, 0.2512,
0.2062

26.7181, 0.2326,
0.1726

■ 19.7906, 0.2138,
0.1404

■ 14.5796, 0.1960,
0.1118

■ 10.9291, 0.1803,
0.0890

■ 8.6536, 0.1678,
0.0734

■ 7.5482, 0.1599,
0.0655

Harmonies

Analogous

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



74.1325, 0.2853, 0.3005



74.1325, 0.2989, 0.2998



74.1325, 0.3165, 0.3064

Triad

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



74.1325, 0.2989, 0.2998



74.1325, 0.3476, 0.3480



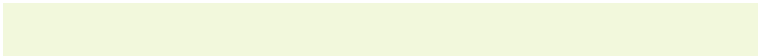
74.1325, 0.2920, 0.3394

Complementary

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



74.1325, 0.2989, 0.2998



91.1826, 0.3256, 0.3573

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.



74.1325, 0.3082, 0.3533



74.1325, 0.2989, 0.2998



74.1325, 0.3405, 0.3579

Square

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



74.1325, 0.2989, 0.2998



74.1325, 0.3450, 0.3337



74.1325, 0.3260, 0.3600



74.1325, 0.2814, 0.3229

Rectangle

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



74.1325, 0.2989, 0.2998



74.1325, 0.3283, 0.3141



74.1325, 0.3260, 0.3600



74.1325, 0.2969, 0.3446

Sweetspot

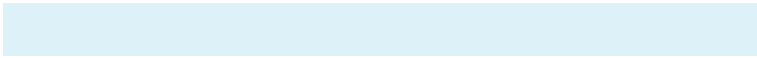
The Sweet Spot groups the original color and five complimentary colors.



74.1356, 0.2989, 0.2998



94.0955, 0.3093, 0.3216



85.7413, 0.2952, 0.3232



19.8108, 0.3083, 0.3196



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.



74.1356, 0.2989, 0.2998



74.3704, 0.2952, 0.2922



76.4178, 0.3082, 0.3006



16.8234, 0.3013, 0.3047



4.1262, 0.1611, 0.0661



0.4262, 0.1719, 0.0721

Inverse Universe

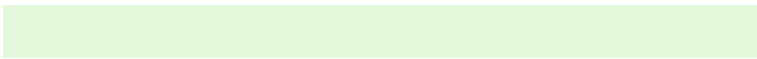
The Inverse Universe completely reimagines the original color for something new.



77.5510, 0.3180, 0.3070



78.8138, 0.3194, 0.3016



88.8698, 0.3167, 0.3581



17.4567, 0.3171, 0.3106



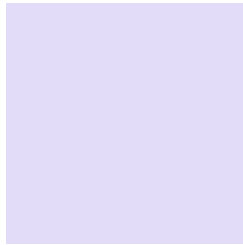
12.9189, 0.3844, 0.1891



1.2119, 0.3753, 0.1841

Previews

White Background



This preview shows how the Yxy color 74.1325, 0.2989, 0.2998 looks on a white background.

Color Contrast Check

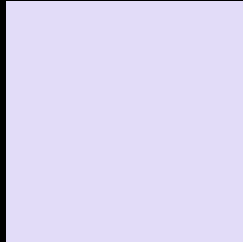
Large Text (above 18pt) WCAG AA × Fail

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 74.1325, 0.2989, 0.2998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

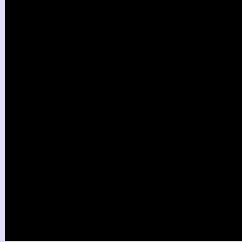
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.1325, 0.2989, 0.2998

Background



This preview shows how black text looks on a background with the Yxy color 74.1325, 0.2989, 0.2998.

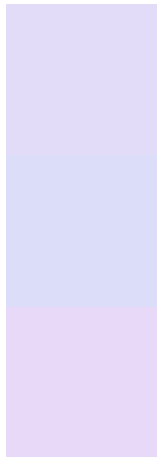


This preview shows how white text looks on a background with the Yxy color 74.1325, 0.2989, 0.2998.

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

74.1325, 0.2989, 0.2998

Protanopia

74.2977, 0.2943, 0.3006

Deuteranopia

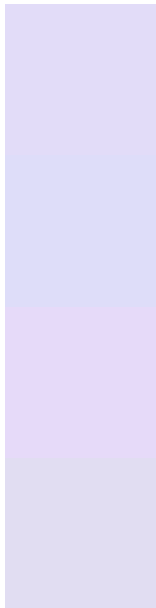
73.7889, 0.3030, 0.2961



Tritanopia

73.9524, 0.3039, 0.3100

Trichromacy



Original Color

74.1325, 0.2989, 0.2998

Protanomaly

74.0821, 0.2956, 0.2996

Deuteranomaly

73.8054, 0.3010, 0.2970

Tritanomaly

74.1313, 0.3020, 0.3069

Monochromacy



Original Color

74.1325, 0.2989, 0.2998

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.6661, 0.3076, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1325, 0.2989, 0.2998 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(226, 220, 248)` looks like.

```
.text, #text, p{  
    color:rgb(226, 220, 248)  
}
```

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(226, 220, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 220, 248) }
```

Border

The CSS property to change the border of an element to Yxy 74.1325, 0.2989, 0.2998 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(226, 220, 248) }
```

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

```
.border{ border-color:rgb(226, 220, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 220, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 220, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 220, 248);  
box-shadow:4px 4px 4px 4px rgb(226, 220,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1325, 0.2989, 0.2998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 220, 248) }
```

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

```
.background{ background-color: rgb(226,  
220, 248) }
```

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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