

Converting Colors

$Y_{xy}(74.9269, 0.2975, 0.2925)$

Have a look what the booklet for
Yxy(74.9269, 0.2975, 0.2925)
contains.

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Color

Yxy(74.7060, 0.2972, 0.2921)

Conversions

Conversions Part 1

Format	Color
Hex	E6DBFF
RGB	230, 219, 255
RGB Percent	90%, 86%, 100%
CMY	0.0981, 0.1411, 0.0000
CMYK	0.10, 0.14, 0.00, 0.00
HSL	258°, 100%, 93%
HSV	258°, 14%, 100%
XYZ	76.0103, 74.7060, 105.0385
YIQ	226.3930, -5.0000, 13.5280

Conversions

Conversions Part 2

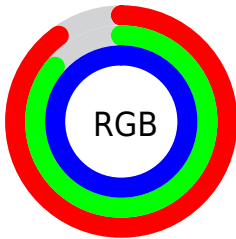
Format	Color
R _Y B	230, 219, 255
Decimal	15129599
CIE _{Lab}	89.26, 10.42, -16.14
CIE _{LCh}	89, 19.213, 302.835
Yxy	74.7060, 0.2972, 0.2921
Android (android.graphics.Color)	4293319679 (0xFFE6DBFF)
YUV	226.3930, 14.1033, 3.1633
Hunter-Lab	86.4326, 5.7189, -11.5502

Details

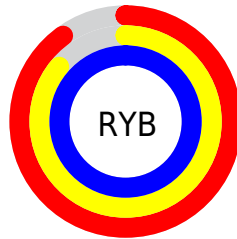
The Yxy color **74.7060, 0.2972, 0.2921** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **95.8751, 0.3268, 0.3649**, and the grayscale version is **76.2495, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.6268, 0.2934, 0.2841** is the 20% darker color. If you saturate the color by 10%, you get **59.6193, 0.2842, 0.2629**, and if you desaturate by 10%, it is **92.1326, 0.3085, 0.3188**.

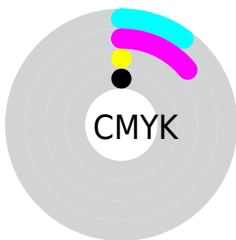
Distribution



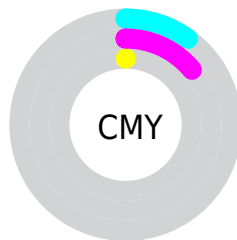
- Red (90%)
- Green (86%)
- Blue (100%)



- Red (90%)
- Yellow (86%)
- Blue (100%)



- Cyan (10%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.7060, 0.2972, 0.2921 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 74.7060, 0.2972, 0.2921 by changing the saturation by 10% instead.

74.7060, 0.2972,
0.2921

74.7060, 0.2972,
0.2921

476.9064, 0.3044,
0.3087

55.3721, 0.2955,
0.2884

125.8961, 0.2997,
0.2978

39.6997, 0.2935,
0.2839

158.5211, 0.3007,
0.3000

27.3045, 0.2909,
0.2783

196.3452, 0.3015,
0.3019

17.8020, 0.2874,
0.2711

239.7528, 0.3023,
0.3036

10.8079, 0.2828,
0.2616

289.1283, 0.3029,
0.3051

5.9378, 0.2760,
0.2484

344.8562, 0.3035,

2.8073, 0.2656,

0.3065

0.2290

407.3208, 0.3040,
0.3076

■ 1.0320, 0.2474,
0.1978

■ 0.0000, 0.1446,
0.0000

■ 74.7060, 0.2972,
0.2921

■ 74.7060, 0.2972,
0.2921

■ 59.6193, 0.2842,
0.2629

■ 92.1326, 0.3085,
0.3188

■ 46.7661, 0.2695,
0.2316

100.0000, 0.3127,
0.3290

■ 36.0392, 0.2534,
0.1990

■ 27.3204, 0.2363,
0.1667

■ 20.4797, 0.2189,
0.1364

■ 15.3712, 0.2022,
0.1100

■ 11.8267, 0.1873,
0.0895

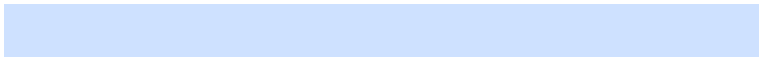
■ 9.6419, 0.1750,
0.0758

■ 8.8257, 0.1691,
0.0705

Harmonies

Analogous

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



74.7060, 0.2790, 0.2917



74.7060, 0.2972, 0.2921



74.7060, 0.3202, 0.3015

Triad

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



74.7060, 0.2972, 0.2921



74.7060, 0.3575, 0.3551



74.7060, 0.2839, 0.3400

Complementary

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



74.7060, 0.2972, 0.2921



95.8751, 0.3268, 0.3649

Split Complementary

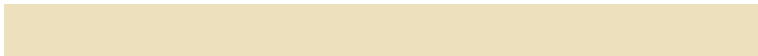
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.7060, 0.3041, 0.3590



74.7060, 0.2972, 0.2921



74.7060, 0.3468, 0.3672

Square

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



74.7060, 0.2972, 0.2921



74.7060, 0.3557, 0.3370



74.7060, 0.3271, 0.3690



74.7060, 0.2715, 0.3185

Rectangle

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



74.7060, 0.2972, 0.2921



74.7060, 0.3352, 0.3117



74.7060, 0.3271, 0.3690



74.7060, 0.2900, 0.3470

Sweetspot

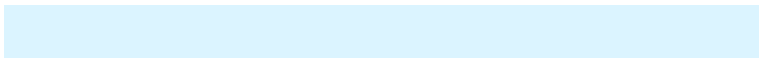
The Sweet Spot groups the original color and five complimentary colors.



74.7077, 0.2972, 0.2921



92.3433, 0.3087, 0.3191



87.1058, 0.2908, 0.3179



19.4664, 0.3079, 0.3172



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.



74.7077, 0.2972, 0.2921



70.1162, 0.2936, 0.2839



77.8095, 0.3094, 0.2935



17.6460, 0.3026, 0.3048



4.6797, 0.1705, 0.0713



0.5100, 0.1823, 0.0778

Inverse Universe

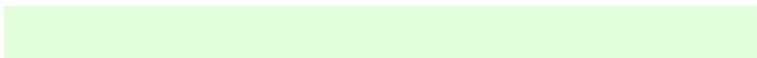
The Inverse Universe completely reimagines the original color for something new.



78.4632, 0.3216, 0.3044



74.5707, 0.3237, 0.2992



92.8377, 0.3154, 0.3662



18.2006, 0.3185, 0.3126



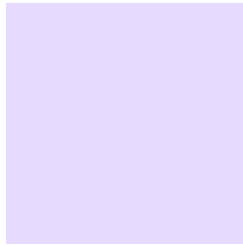
12.8022, 0.4166, 0.2069



1.2660, 0.4030, 0.1994

Previews

White Background



This preview shows how the Yxy color 74.7060, 0.2972, 0.2921 looks on a white background.

Color Contrast Check

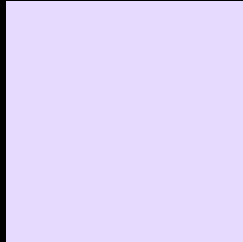
Large Text (above 18pt) WCAG AA × Fail

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 74.7060, 0.2972, 0.2921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

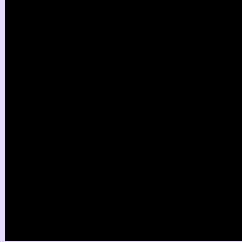
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

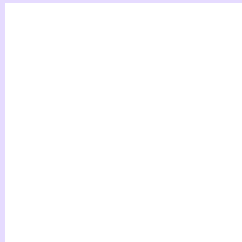
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.7060, 0.2972, 0.2921

Background



This preview shows how black text looks on a background with the Yxy color 74.7060, 0.2972, 0.2921.

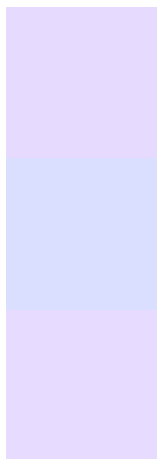


This preview shows how white text looks on a background with the Yxy color 74.7060, 0.2972, 0.2921.

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

74.7060, 0.2972, 0.2921

Protanopia

75.0554, 0.2901, 0.2956

Deuteranopia

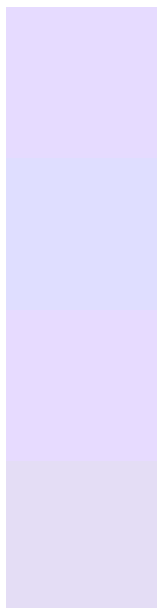
74.8720, 0.2979, 0.2922



Tritanopia

74.8054, 0.3052, 0.3111

Trichromacy



Original Color

74.7060, 0.2972, 0.2921

Protanomaly

75.1505, 0.2926, 0.2948

Deuteranomaly

74.8720, 0.2979, 0.2922

Tritanomaly

74.7995, 0.3021, 0.3040

Monochromacy



Original Color

74.7060, 0.2972, 0.2921

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.2207, 0.3065, 0.3143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7060, 0.2972, 0.2921 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(230, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(230, 219, 255)  
}
```

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(230, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 219, 255) }
```

Border

The CSS property to change the border of an element to Yxy 74.7060, 0.2972, 0.2921 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(230, 219, 255) }
```

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

```
.border{ border-color:rgb(230, 219, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(230, 219,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7060, 0.2972, 0.2921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 219, 255) }
```

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

```
.background{ background-color: rgb(230,  
219, 255) }
```

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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