

Converting Colors

$Yxy(73.0562, 0.3060, 0.2932)$

Have a look what the booklet for
Yxy(73.0562, 0.3060, 0.2932)
contains.

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Color

Yxy(72.9372, 0.3059, 0.2933)

Conversions

Conversions Part 1

Format	Color
Hex	EDD6F9
RGB	237, 214, 249
RGB Percent	93%, 84%, 98%
CMY	0.0705, 0.1608, 0.0236
CMYK	0.05, 0.14, 0.00, 0.02
HSL	279°, 74%, 91%
HSV	279°, 14%, 98%
XYZ	76.0705, 72.9372, 99.6701
YIQ	224.8670, 2.4730, 15.7610

Conversions

Conversions Part 2

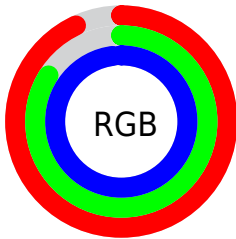
Format	Color
R _Y B	237, 214, 249
Decimal	15587065
CIE Lab	88.42, 14.15, -14.16
CIE LCh	88, 20.019, 314.975
Yxy	72.9372, 0.3059, 0.2933
Android (android.graphics.Color)	4293777145 (0xFFEDD6F9)
YUV	224.8670, 11.8976, 10.6406
Hunter-Lab	85.4033, 9.5381, -9.4122

Details

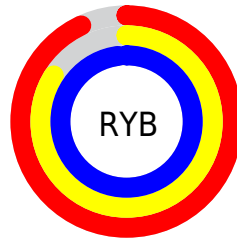
The Yxy color $72.9372, 0.3059, 0.2933$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $88.7542, 0.3186, 0.3656$, and the grayscale version is $75.1085, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.4703, 0.3037, 0.2844$ is the 20% darker color. If you saturate the color by 10%, you get $59.8550, 0.3000, 0.2661$, and if you desaturate by 10%, it is $88.0213, 0.3109, 0.3191$.

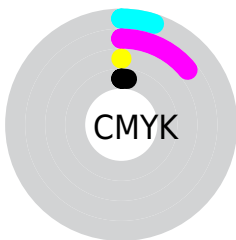
Distribution



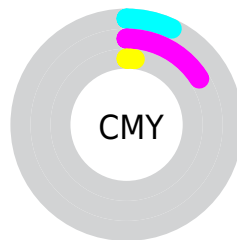
- Red (93%)
- Green (84%)
- Blue (98%)



- Red (93%)
- Yellow (84%)
- Blue (98%)



- Cyan (5%)
- Magenta (14%)
- Yellow (0%)
- Black (2%)




- Cyan (7%)
- Magenta (16%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.9372, 0.3059, 0.2933 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 72.9372, 0.3059, 0.2933 by changing the saturation by 10% instead.


 72.9372, 0.3059,
0.2933

 72.9372, 0.3059,
0.2933


470.7971, 0.3092,
0.3094

 53.9246, 0.3051,
0.2897


123.3881, 0.3071,
0.2988

 38.5414, 0.3041,
0.2854

155.5951, 0.3075,
0.3010

 26.4031, 0.3028,
0.2799


192.9691, 0.3079,
0.3028

 17.1255, 0.3011,
0.2729

235.8945, 0.3082,
0.3045

 10.3240, 0.2987,
0.2636

284.7555, 0.3085,
0.3059

 5.6143, 0.2951,
0.2507

339.9367, 0.3088,

 2.6120, 0.2893,

0.3072

0.2316

401.8225, 0.3090,
0.3084

■ 0.9327, 0.2783,
0.2005

■ 0.0000, 0.1829,
0.0000

■ 72.9372, 0.3059,
0.2933

■ 72.9372, 0.3059,
0.2933

■ 59.8550, 0.3000,
0.2661

■ 88.0213, 0.3109,
0.3191

■ 48.6772, 0.2931,
0.2381

■ 99.4373, 0.3156,
0.3348

■ 39.3121, 0.2853,
0.2102

■ 99.6180, 0.3162,
0.3348

■ 31.6565, 0.2768,
0.1834

■ 25.5968, 0.2676,
0.1590

■ 21.0049, 0.2582,
0.1384

■ 17.7324, 0.2489,
0.1224

■ 15.5983, 0.2399,
0.1114

■ 14.7121, 0.2349,
0.1068

Harmonies

Analogous

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



72.9372, 0.2841, 0.2888



72.9372, 0.3059, 0.2933



72.9372, 0.3304, 0.3064

Triad

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



72.9372, 0.3059, 0.2933



72.9372, 0.3567, 0.3626



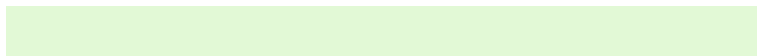
72.9372, 0.2760, 0.3313

Complementary

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



72.9372, 0.3059, 0.2933



88.7542, 0.3186, 0.3656

Split Complementary

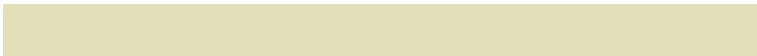
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.9372, 0.2944, 0.3533



72.9372, 0.3059, 0.2933



72.9372, 0.3410, 0.3714

Square

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



72.9372, 0.3059, 0.2933



72.9372, 0.3603, 0.3454



72.9372, 0.3181, 0.3683



72.9372, 0.2674, 0.3096

Rectangle

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



72.9372, 0.3059, 0.2933



72.9372, 0.3447, 0.3185



72.9372, 0.3181, 0.3683



72.9372, 0.2812, 0.3390

Sweetspot

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



72.9403, 0.3059, 0.2933



93.0082, 0.3109, 0.3192



75.6602, 0.2905, 0.3049



19.6346, 0.3106, 0.3173



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.



72.9403, 0.3059, 0.2933



72.6880, 0.3042, 0.2853



74.7456, 0.3179, 0.2993



17.2100, 0.3083, 0.3052



7.9585, 0.2362, 0.1075



0.7956, 0.2464, 0.1131

Inverse Universe

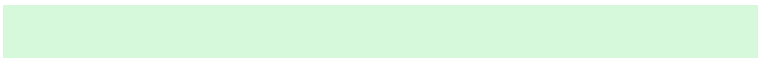
The Inverse Universe completely reimagines the original color for something new.



73.7194, 0.3302, 0.3169



73.6893, 0.3346, 0.3142



87.1604, 0.3079, 0.3607



17.3232, 0.3240, 0.3209



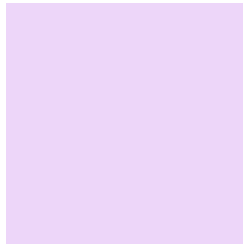
11.1568, 0.5612, 0.2865



1.0523, 0.5279, 0.2682

Previews

White Background



This preview shows how the Yxy color 72.9372, 0.3059, 0.2933 looks on a white background.

Color Contrast Check

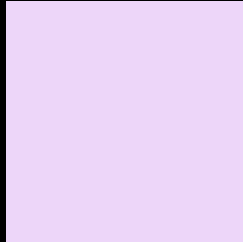
Large Text (above 18pt) WCAG AA × Fail

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 72.9372, 0.3059, 0.2933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

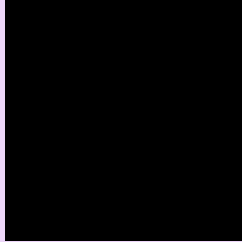
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

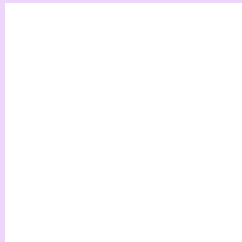
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.9372, 0.3059, 0.2933

Background



This preview shows how black text looks on a background with the Yxy color 72.9372, 0.3059, 0.2933.

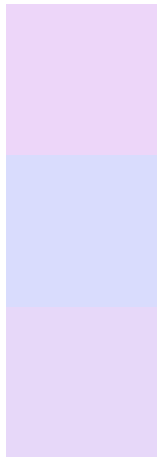


This preview shows how white text looks on a background with the Yxy color 72.9372, 0.3059, 0.2933.

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

72.9372, 0.3059, 0.2933

Protanopia

73.0300, 0.2898, 0.2942

Deuteranopia

72.9402, 0.3017, 0.2949



Tritanopia

73.2284, 0.3143, 0.3113

Trichromacy



Original Color

72.9372, 0.3059, 0.2933

Protanomaly

73.0184, 0.2950, 0.2936

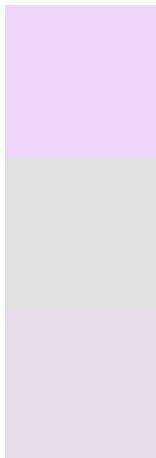
Deuteranomaly

72.7641, 0.3031, 0.2940

Tritanomaly

73.1766, 0.3117, 0.3052

Monochromacy



Original Color

72.9372, 0.3059, 0.2933

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.3114, 0.3098, 0.3153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.9372, 0.3059, 0.2933 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(237, 214, 249)` looks like.

```
.text, #text, p{  
    color:rgb(237, 214, 249)  
}
```

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(237, 214, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 214, 249) }
```

Border

The CSS property to change the border of an element to Yxy 72.9372, 0.3059, 0.2933 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(237, 214, 249) }
```

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

```
.border{ border-color:rgb(237, 214, 249) }
```

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

Here you see how a box with a 4 pixel rgb(237, 214, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 214, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 214, 249);  
box-shadow:4px 4px 4px 4px rgb(237, 214,  
249) }
```


Background

The CSS property to change the background color of an element to `rgb(72.9372, 0.3059, 0.2933)` is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 214, 249) }
```

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

```
.background{ background-color: rgb(237,  
214, 249) }
```

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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