

Converting Colors

$Y_{xy}(72.2365, 0.2948, 0.2825)$

Have a look what the booklet for
Yxy(72.2365, 0.2948, 0.2825)
contains.

Yxy(72.1361, 0.2972, 0.2869)	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(72.1361, 0.2972, 0.2869)

Conversions

Conversions Part 1

Format	Color
Hex	E6D6FF
RGB	230, 214, 255
RGB Percent	90%, 84%, 100%
CMY	0.0980, 0.1607, 0.0001
CMYK	0.10, 0.16, 0.00, 0.00
HSL	263°, 100%, 92%
HSV	263°, 16%, 100%
XYZ	74.7259, 72.1361, 104.5709
YIQ	223.4580, -3.6250, 16.1430

Conversions

Conversions Part 2

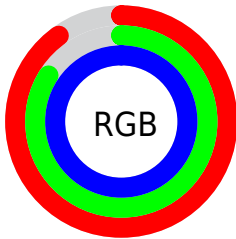
Format	Color
R _Y B	230, 214, 255
Decimal	15128319
CIE Lab	88.03, 13.05, -17.96
CIE LCh	88, 22.198, 306.013
Yxy	72.1361, 0.2972, 0.2869
Android (android.graphics.Color)	4293318399 (0xFFE6D6FF)
YUV	223.4580, 15.5502, 5.7373
Hunter-Lab	84.9330, 8.4154, -13.5458

Details

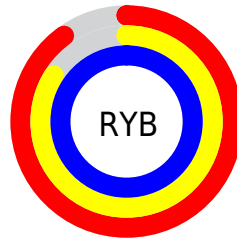
The Yxy color $72.1361, 0.2972, 0.2869$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $94.7077, 0.3265, 0.3704$, and the grayscale version is $74.0249, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.8722, 0.2933, 0.2774$ is the 20% darker color. If you saturate the color by 10%, you get $57.7686, 0.2856, 0.2577$, and if you desaturate by 10%, it is $88.7590, 0.3073, 0.3139$.

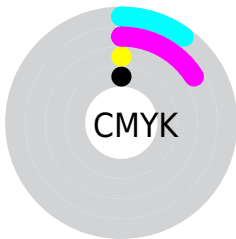
Distribution



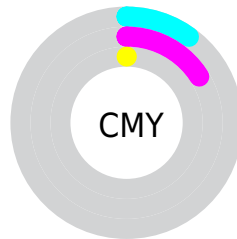
- Red (90%)
- Green (84%)
- Blue (100%)



- Red (90%)
- Yellow (84%)
- Blue (100%)



- Cyan (10%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.1361, 0.2972, 0.2869 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 72.1361, 0.2972, 0.2869 by changing the saturation by 10% instead.

72.1361, 0.2972,
0.2869

72.1361, 0.2972,
0.2869

468.0152, 0.3045,
0.3059

53.2699, 0.2955,
0.2827

122.2500, 0.2998,
0.2934

38.0182, 0.2934,
0.2776

154.2665, 0.3008,
0.2959

25.9968, 0.2907,
0.2712

191.4351, 0.3016,
0.2981

16.8213, 0.2871,
0.2630

234.1404, 0.3024,
0.3001

10.1072, 0.2822,
0.2521

282.7666, 0.3030,
0.3018

5.4701, 0.2750,
0.2370

337.6982, 0.3036,

2.5256, 0.2638,

0.3033

0.2149

399.3196, 0.3041,
0.3046

0.8894, 0.2439,
0.1798

0.0000, 0.0988,
0.0000

72.1361, 0.2972,
0.2869

72.1361, 0.2972,
0.2869

57.7686, 0.2856,
0.2577

88.7590, 0.3073,
0.3139

45.5477, 0.2724,
0.2269

99.9984, 0.3127,
0.3290

35.3692, 0.2579,
0.1954

27.1162, 0.2425,
0.1646

■ 20.6597, 0.2267,
0.1361

■ 15.8542, 0.2113,
0.1117

■ 12.5302, 0.1973,
0.0930

■ 10.4785, 0.1852,
0.0807

■ 9.9010, 0.1810,
0.0771

Harmonies

Analogous

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



72.1361, 0.2752, 0.2851



72.1361, 0.2972, 0.2869



72.1361, 0.3243, 0.2988

Triad

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



72.1361, 0.2972, 0.2869



72.1361, 0.3644, 0.3612



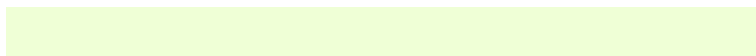
72.1361, 0.2770, 0.3391

Complementary

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



72.1361, 0.2972, 0.2869



94.7077, 0.3265, 0.3704

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.



72.1361, 0.2997, 0.3623



72.1361, 0.2972, 0.2869



72.1361, 0.3505, 0.3745

Square

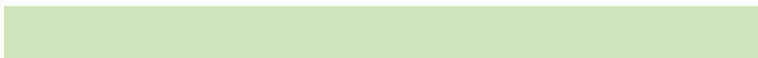
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.1361, 0.2972, 0.2869



72.1361, 0.3640, 0.3404



72.1361, 0.3266, 0.3755



72.1361, 0.2640, 0.3140

Rectangle

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



72.1361, 0.2972, 0.2869



72.1361, 0.3416, 0.3110



72.1361, 0.3266, 0.3755



72.1361, 0.2838, 0.3475

Sweetspot

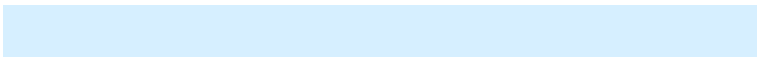
The Sweet Spot groups the original color and five complimentary colors.



72.1391, 0.2972, 0.2869



90.6886, 0.3083, 0.3166



83.4080, 0.2876, 0.3127



19.1411, 0.3076, 0.3148



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.



72.1391, 0.2972, 0.2869



67.7099, 0.2939, 0.2786



75.6763, 0.3112, 0.2887



17.7235, 0.3040, 0.3049



5.2546, 0.1827, 0.0780



0.5725, 0.1952, 0.0849

Inverse Universe

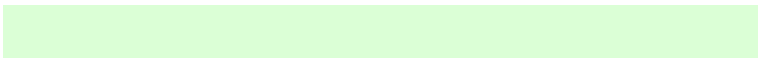
The Inverse Universe completely reimagines the original color for something new.



75.5841, 0.3255, 0.3043



71.7291, 0.3282, 0.2996



91.3870, 0.3136, 0.3720



18.1732, 0.3198, 0.3146



12.3837, 0.4505, 0.2255



1.2272, 0.4316, 0.2151

Previews

White Background



This preview shows how the Yxy color 72.1361, 0.2972, 0.2869 looks on a white background.

Color Contrast Check

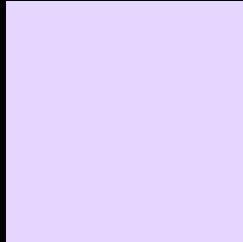
Large Text (above 18pt) WCAG AA × Fail

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 72.1361, 0.2972, 0.2869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

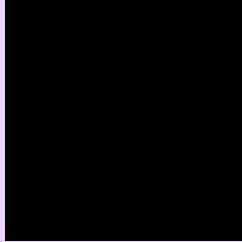
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.1361, 0.2972, 0.2869

Background



This preview shows how black text looks on a background with the Yxy color 72.1361, 0.2972, 0.2869.



This preview shows how white text looks on a background with the Yxy color 72.1361, 0.2972, 0.2869.

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

72.1361, 0.2972, 0.2869

Protanopia

72.1792, 0.2866, 0.2909

Deuteranopia

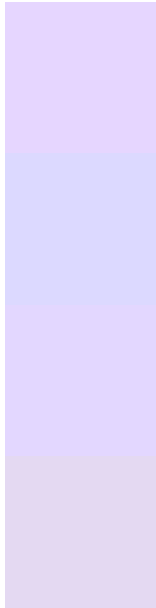
71.9896, 0.2945, 0.2876



Tritanopia

72.4719, 0.3079, 0.3110

Trichromacy



Original Color

72.1361, 0.2972, 0.2869

Protanomaly

72.0614, 0.2905, 0.2892

Deuteranomaly

72.1518, 0.2952, 0.2877

Tritanomaly

72.5305, 0.3041, 0.3028

Monochromacy



Original Color

72.1361, 0.2972, 0.2869

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.3533, 0.3071, 0.3131

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.1361, 0.2972, 0.2869 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, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(230, 214, 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, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 214, 255) }
```

Border

The CSS property to change the border of an element to Yxy 72.1361, 0.2972, 0.2869 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, 214, 255) }
```

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

```
.border{ border-color:rgb(230, 214, 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, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(230, 214,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 72.1361, 0.2972, 0.2869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 214, 255) }
```

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

```
.background{ background-color: rgb(230,  
214, 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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