

Converting Colors

$Y_{xy}(74.7314, 0.2952, 0.2929)$

Have a look what the booklet for
Yxy(74.7314, 0.2952, 0.2929)
contains.

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Color

Yxy(74.7373, 0.2952, 0.2929)

Conversions

Conversions Part 1

Format	Color
Hex	E3DCFF
RGB	227, 220, 255
RGB Percent	89%, 86%, 100%
CMY	0.1099, 0.1372, 0.0000
CMYK	0.11, 0.14, 0.00, 0.00
HSL	252°, 100%, 93%
HSV	252°, 14%, 100%
XYZ	75.3242, 74.7373, 105.1017
YIQ	226.0830, -7.0630, 12.3690

Conversions

Conversions Part 2

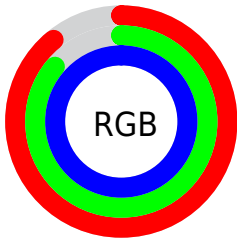
Format	Color
R _Y B	227, 220, 255
Decimal	14933247
CIE Lab	89.27, 8.95, -16.16
CIE LCh	89, 18.473, 298.992
Yxy	74.7373, 0.2952, 0.2929
Android (android.graphics.Color)	4293123327 (0xFFE3DCFF)
YUV	226.0830, 14.2561, 0.8042
Hunter-Lab	86.4507, 4.2375, -11.5658

Details

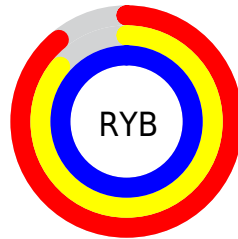
The Yxy color **74.7373, 0.2952, 0.2929** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **96.6470, 0.3288, 0.3636**, and the grayscale version is **76.0134, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.6454, 0.2909, 0.2851** is the 20% darker color. If you saturate the color by 10%, you get **59.2328, 0.2803, 0.2632**, and if you desaturate by 10%, it is **92.6770, 0.3083, 0.3198**.

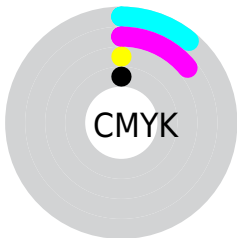
Distribution



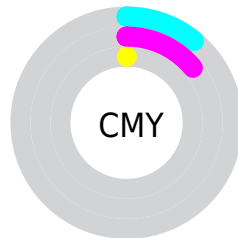
- Red (89%)
- Green (86%)
- Blue (100%)



- Red (89%)
- Yellow (86%)
- Blue (100%)



- Cyan (11%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.7373, 0.2952, 0.2929 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 74.7373, 0.2952, 0.2929 by changing the saturation by 10% instead.

74.7373, 0.2952,
0.2929

74.7373, 0.2952,
0.2929

477.0142, 0.3033,
0.3092

55.3977, 0.2933,
0.2893

125.9404, 0.2980,
0.2985

39.7202, 0.2910,
0.2849

158.5728, 0.2991,
0.3007

27.3205, 0.2881,
0.2794

196.4048, 0.3001,
0.3025

17.8141, 0.2843,
0.2723

239.8209, 0.3009,
0.3042

10.8166, 0.2791,
0.2629

289.2055, 0.3016,
0.3057

5.9436, 0.2717,
0.2499

344.9430, 0.3023,

2.8108, 0.2602,

0.3070

0.2306

407.4177, 0.3028,
0.3081

■ 1.0338, 0.2405,
0.1996

■ 0.0000, 0.1196,
0.0000

■ 74.7373, 0.2952,
0.2929

■ 74.7373, 0.2952,
0.2929

■ 59.2328, 0.2803,
0.2632

■ 92.6770, 0.3083,
0.3198

■ 46.0572, 0.2635,
0.2311

100.0000, 0.3127,
0.3290

■ 35.0970, 0.2453,
0.1974

■ 26.2287, 0.2263,
0.1637

■ 19.3167, 0.2074,
0.1319

■ 14.2090, 0.1899,
0.1045

■ 10.7308, 0.1750,
0.0833

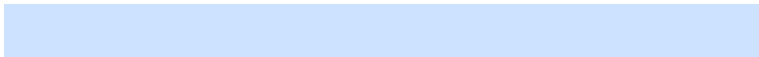
■ 8.6705, 0.1637,
0.0698

■ 7.9208, 0.1585,
0.0647

Harmonies

Analogous

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



74.7373, 0.2786, 0.2937



74.7373, 0.2952, 0.2929



74.7373, 0.3171, 0.3010

Triad

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



74.7373, 0.2952, 0.2929



74.7373, 0.3562, 0.3522



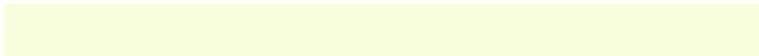
74.7373, 0.2871, 0.3422

Complementary

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



74.7373, 0.2952, 0.2929



96.6470, 0.3288, 0.3636

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.



74.7373, 0.3073, 0.3596



74.7373, 0.2952, 0.2929



74.7373, 0.3474, 0.3647

Square

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



74.7373, 0.2952, 0.2929



74.7373, 0.3529, 0.3343



74.7373, 0.3293, 0.3679



74.7373, 0.2741, 0.3215

Rectangle

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



74.7373, 0.2952, 0.2929



74.7373, 0.3317, 0.3103



74.7373, 0.3293, 0.3679



74.7373, 0.2933, 0.3487

Sweetspot

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



74.7374, 0.2952, 0.2929



92.1481, 0.3080, 0.3191



89.9308, 0.2915, 0.3224



19.4172, 0.3071, 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.



74.7374, 0.2952, 0.2929



70.9980, 0.2920, 0.2864



77.6270, 0.3067, 0.2942



17.5522, 0.3010, 0.3046



4.1878, 0.1596, 0.0653



0.4508, 0.1695, 0.0707

Inverse Universe

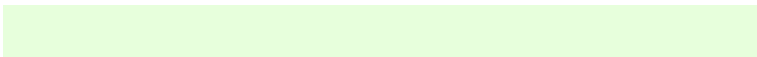
The Inverse Universe completely reimagines the original color for something new.



79.2269, 0.3189, 0.3016



76.1611, 0.3201, 0.2969



93.6908, 0.3179, 0.3648



18.2346, 0.3169, 0.3102



13.4115, 0.3790, 0.1862



1.3209, 0.3711, 0.1818

Previews

White Background



This preview shows how the Yxy color 74.7373, 0.2952, 0.2929 looks on a white background.

Color Contrast Check

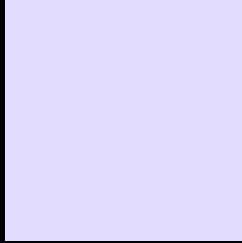
Large Text (above 18pt) WCAG AA × Fail

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 74.7373, 0.2952, 0.2929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

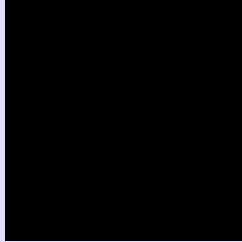
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.7373, 0.2952, 0.2929

Background



This preview shows how black text looks on a background with the Yxy color 74.7373, 0.2952, 0.2929.

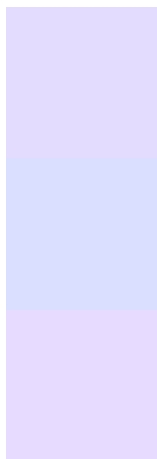


This preview shows how white text looks on a background with the Yxy color 74.7373, 0.2952, 0.2929.

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

74.7373, 0.2952, 0.2929

Protanopia

75.0554, 0.2901, 0.2956

Deuteranopia

74.8720, 0.2979, 0.2922



Tritanopia

75.0742, 0.3032, 0.3111

Trichromacy



Original Color

74.7373, 0.2952, 0.2929

Protanomaly

74.9921, 0.2920, 0.2947

Deuteranomaly

74.7060, 0.2972, 0.2921

Tritanomaly

75.0039, 0.3008, 0.3050

Monochromacy



Original Color

74.7373, 0.2952, 0.2929

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.5945, 0.3058, 0.3153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7373, 0.2952, 0.2929 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(227, 220, 255)` looks like.

```
.text, #text, p{  
    color:rgb(227, 220, 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(227, 220, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 220, 255) }
```

Border

The CSS property to change the border of an element to Yxy 74.7373, 0.2952, 0.2929 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(227, 220, 255) }
```

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

```
.border{ border-color:rgb(227, 220, 255) }
```

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

Here you see how a box with a 4 pixel rgb(227, 220, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 220, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 220, 255);  
box-shadow:4px 4px 4px 4px rgb(227, 220,  
255) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 74.7373, 0.2952, 0.2929$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 220, 255) }
```

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

```
.background{ background-color: rgb(227,  
220, 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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