

Converting Colors

$Y_{xy}(74.0367, 0.2993, 0.2900)$

Have a look what the booklet for
Yxy(74.0367, 0.2993, 0.2900)
contains.

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Color

Yxy(74.1693, 0.2992, 0.2903)

Conversions

Conversions Part 1

Format	Color
Hex	E9D9FF
RGB	233, 217, 255
RGB Percent	91%, 85%, 100%
CMY	0.0866, 0.1489, 0.0001
CMYK	0.09, 0.15, 0.00, 0.00
HSL	265°, 100%, 93%
HSV	265°, 15%, 100%
XYZ	76.4432, 74.1693, 104.8794
YIQ	226.1160, -2.6620, 15.2100

Conversions

Conversions Part 2

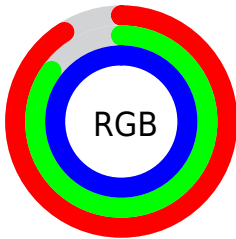
Format	Color
R _Y B	233, 217, 255
Decimal	15325695
CIE Lab	89.00, 12.39, -16.48
CIE LCh	89, 20.615, 306.929
Yxy	74.1693, 0.2992, 0.2903
Android (android.graphics.Color)	4293515775 (0xFFE9D9FF)
YUV	226.1160, 14.2398, 6.0373
Hunter-Lab	86.1216, 7.7272, -11.9186

Details

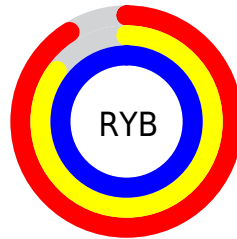
The Yxy color **74.1693, 0.2992, 0.2903** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **94.8901, 0.3248, 0.3673**, and the grayscale version is **76.0324, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2650, 0.2960, 0.2818** is the 20% darker color. If you saturate the color by 10%, you get **59.6339, 0.2883, 0.2615**, and if you desaturate by 10%, it is **90.9515, 0.3086, 0.3169**.

Distribution



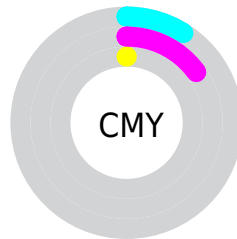
- Red (91%)
- Green (85%)
- Blue (100%)



- Red (91%)
- Yellow (85%)
- Blue (100%)



- Cyan (9%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)





- Cyan (9%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.1693, 0.2992, 0.2903 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 74.1693, 0.2992, 0.2903 by changing the saturation by 10% instead.

 74.1693, 0.2992,
0.2903

 74.1693, 0.2992,
0.2903


475.0575, 0.3056,
0.3077

 54.9326, 0.2977,
0.2865

125.1358, 0.3014,
0.2962

 39.3478, 0.2959,
0.2818


157.6344, 0.3023,
0.2986

 27.0304, 0.2936,
0.2759


195.3224, 0.3030,
0.3006

 17.5960, 0.2905,
0.2684

238.5842, 0.3037,
0.3024

 10.6604, 0.2863,
0.2585

287.8042, 0.3042,
0.3039

 5.8389, 0.2802,
0.2448

343.3668, 0.3047,

 2.7474, 0.2706,

0.3053

0.2247

405.6565, 0.3052,
0.3066

■ 1.0013, 0.2537,
0.1926

■ 0.0000, 0.1604,
0.0000

■ 74.1693, 0.2992,
0.2903

■ 74.1693, 0.2992,
0.2903

■ 59.6339, 0.2883,
0.2615

■ 90.9515, 0.3086,
0.3169

■ 47.2379, 0.2759,
0.2311

99.9989, 0.3127,
0.3290

■ 36.8789, 0.2622,
0.2000

■ 28.4422, 0.2475,
0.1694

■ 21.8014, 0.2323,
0.1410

■ 16.8142, 0.2173,
0.1165

■ 13.3157, 0.2034,
0.0973

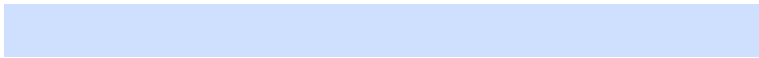
■ 11.1038, 0.1911,
0.0843

■ 10.3251, 0.1856,
0.0796

Harmonies

Analogous

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



74.1693, 0.2786, 0.2884



74.1693, 0.2992, 0.2903



74.1693, 0.3242, 0.3015

Triad

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



74.1693, 0.2992, 0.2903



74.1693, 0.3601, 0.3593



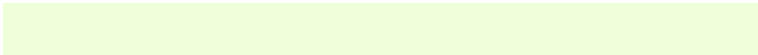
74.1693, 0.2793, 0.3377

Complementary

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



74.1693, 0.2992, 0.2903



94.8901, 0.3248, 0.3673

Split Complementary

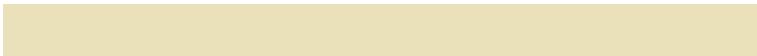
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.1693, 0.3001, 0.3590



74.1693, 0.2992, 0.2903



74.1693, 0.3469, 0.3711

Square

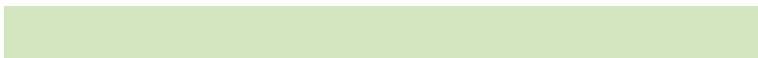
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.1693, 0.2992, 0.2903



74.1693, 0.3601, 0.3403



74.1693, 0.3248, 0.3714



74.1693, 0.2676, 0.3146

Rectangle

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



74.1693, 0.2992, 0.2903



74.1693, 0.3399, 0.3130



74.1693, 0.3248, 0.3714



74.1693, 0.2855, 0.3454

Sweetspot

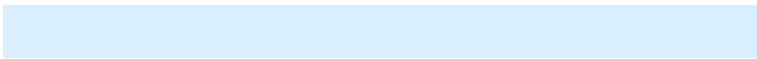
The Sweet Spot groups the original color and five complimentary colors.



74.1724, 0.2992, 0.2903



92.5560, 0.3094, 0.3191



83.8100, 0.2894, 0.3126



19.5201, 0.3087, 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.



74.1724, 0.2992, 0.2903



69.4138, 0.2960, 0.2816



77.5254, 0.3122, 0.2918



17.7490, 0.3044, 0.3049



5.4788, 0.1873, 0.0805



0.5959, 0.1998, 0.0875

Inverse Universe

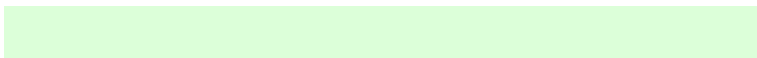
The Inverse Universe completely reimagines the original color for something new.



77.1396, 0.3251, 0.3072



72.9543, 0.3282, 0.3024



91.7675, 0.3128, 0.3687



18.1643, 0.3203, 0.3153



12.2616, 0.4620, 0.2319



1.2157, 0.4414, 0.2206

Previews

White Background



This preview shows how the Yxy color 74.1693, 0.2992, 0.2903 looks on a white background.

Color Contrast Check

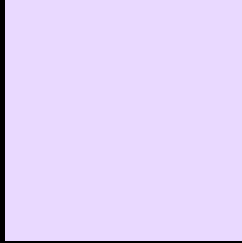
Large Text (above 18pt) WCAG AA × Fail

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 74.1693, 0.2992, 0.2903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

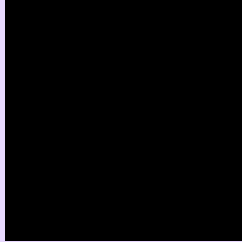
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.1693, 0.2992, 0.2903

Background



This preview shows how black text looks on a background with the Yxy color 74.1693, 0.2992, 0.2903.

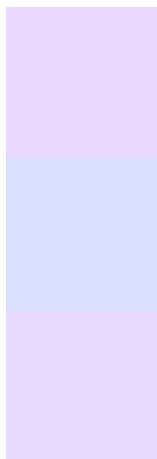


This preview shows how white text looks on a background with the Yxy color 74.1693, 0.2992, 0.2903.

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

74.1693, 0.2992, 0.2903

Protanopia

74.3680, 0.2894, 0.2945

Deuteranopia

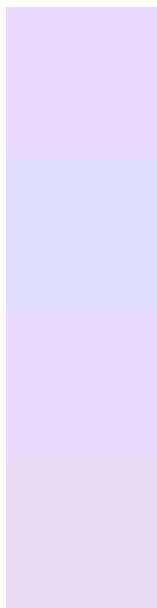
74.3517, 0.2979, 0.2911



Tritanopia

74.1238, 0.3086, 0.3112

Trichromacy



Original Color

74.1693, 0.2992, 0.2903

Protanomaly

74.0944, 0.2926, 0.2927

Deuteranomaly

74.5186, 0.2986, 0.2912

Tritanomaly

74.1836, 0.3048, 0.3031

Monochromacy



Original Color

74.1693, 0.2992, 0.2903

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.5478, 0.3078, 0.3143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1693, 0.2992, 0.2903 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(233, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(233, 217, 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(233, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 217, 255) }
```

Border

The CSS property to change the border of an element to Yxy 74.1693, 0.2992, 0.2903 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(233, 217, 255) }
```

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

```
.border{ border-color:rgb(233, 217, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 217, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(233, 217,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1693, 0.2992, 0.2903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 217, 255) }
```

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

```
.background{ background-color: rgb(233,  
217, 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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