

Converting Colors

$Yxy(73.7599, 0.3006, 0.2903)$

Have a look what the booklet for
Yxy(73.7599, 0.3006, 0.2903)
contains.

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Color

Yxy(73.7599, 0.3006, 0.2903)

Conversions

Conversions Part 1

Format	Color
Hex	EAD8FE
RGB	234, 216, 254
RGB Percent	92%, 85%, 100%
CMY	0.0823, 0.1529, 0.0041
CMYK	0.08, 0.15, 0.00, 0.00
HSL	268°, 95%, 92%
HSV	268°, 15%, 100%
XYZ	76.3769, 73.7599, 103.9448
YIQ	225.7140, -1.4700, 15.6340

Conversions

Conversions Part 2

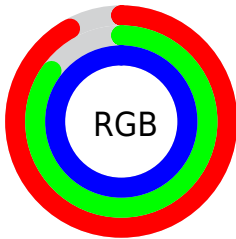
Format	Color
R_{YB}	234, 216, 254
Decimal	15390974
CIE _{Lab}	88.81, 13.09, -16.22
CIE _{LCh}	89, 20.844, 308.888
Yxy	73.7599, 0.3006, 0.2903
Android (android.graphics.Color)	4293581054 (0xFFEAD8FE)
YUV	225.7140, 13.9450, 7.2668
Hunter-Lab	85.8836, 8.4452, -11.6401

Details

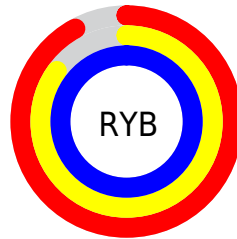
The Yxy color **73.7599, 0.3006, 0.2903** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93.6409, 0.3235, 0.3676**, and the grayscale version is **75.7369, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.9859, 0.2977, 0.2818** is the 20% darker color. If you saturate the color by 10%, you get **59.5661, 0.2908, 0.2619**, and if you desaturate by 10%, it is **90.1410, 0.3090, 0.3167**.

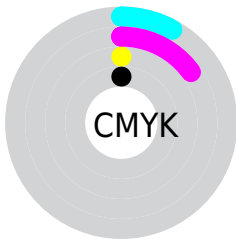
Distribution



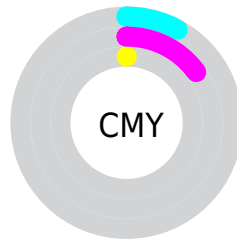
- Red (92%)
- Green (85%)
- Blue (100%)



- Red (92%)
- Yellow (85%)
- Blue (100%)



- Cyan (8%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)





- Cyan (8%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.7599, 0.3006, 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 73.7599, 0.3006, 0.2903 by changing the saturation by 10% instead.


 73.7599, 0.3006,
0.2903

 73.7599, 0.3006,
0.2903


473.6443, 0.3063,
0.3077

 54.5975, 0.2993,
0.2864


124.5554, 0.3026,
0.2962

 39.0796, 0.2976,
0.2818


156.9573, 0.3034,
0.2986

 26.8217, 0.2955,
0.2759


194.5412, 0.3041,
0.3006

 17.4393, 0.2927,
0.2684

237.6915, 0.3046,
0.3024

 10.5482, 0.2888,
0.2585

286.7926, 0.3051,
0.3039

 5.7639, 0.2832,
0.2447

342.2288, 0.3056,

 2.7021, 0.2743,

0.3053

0.2245

404.3846, 0.3060,
0.3066

0.9782, 0.2584,
0.1923

0.0000, 0.1638,
0.0000

73.7599, 0.3006,
0.2903

73.7599, 0.3006,
0.2903

59.5661, 0.2908,
0.2619

90.1410, 0.3090,
0.3167

47.4544, 0.2797,
0.2320

99.9333, 0.3133,
0.3300

37.3248, 0.2673,
0.2016

29.0653, 0.2539,
0.1719

■ 22.5521, 0.2399,
0.1444

■ 17.6460, 0.2261,
0.1208

■ 14.1854, 0.2129,
0.1023

■ 11.9719, 0.2010,
0.0897

■ 11.1863, 0.1956,
0.0851

Harmonies

Analogous

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



73.7599, 0.2793, 0.2877



73.7599, 0.3006, 0.2903



73.7599, 0.3260, 0.3022

Triad

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



73.7599, 0.3006, 0.2903



73.7599, 0.3602, 0.3607



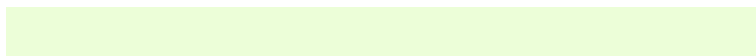
73.7599, 0.2778, 0.3362

Complementary

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



73.7599, 0.3006, 0.2903



93.6409, 0.3235, 0.3676

Split Complementary

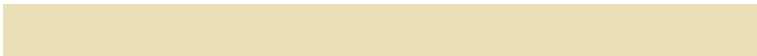
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.7599, 0.2984, 0.3582



73.7599, 0.3006, 0.2903



73.7599, 0.3461, 0.3721

Square

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



73.7599, 0.3006, 0.2903



73.7599, 0.3612, 0.3418



73.7599, 0.3234, 0.3716



73.7599, 0.2666, 0.3130

Rectangle

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



73.7599, 0.3006, 0.2903



73.7599, 0.3417, 0.3140



73.7599, 0.3234, 0.3716



73.7599, 0.2838, 0.3441

Sweetspot

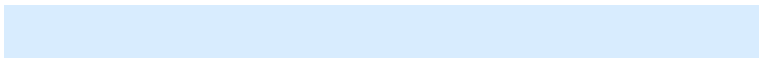
The Sweet Spot groups the original color and five complimentary colors.



73.7630, 0.3006, 0.2903



92.6618, 0.3098, 0.3191



81.8867, 0.2893, 0.3106



19.5469, 0.3092, 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.



73.7630, 0.3006, 0.2903



69.8404, 0.2978, 0.2818



77.0926, 0.3136, 0.2918



17.8006, 0.3053, 0.3050



5.9859, 0.1973, 0.0860



0.6473, 0.2097, 0.0929

Inverse Universe

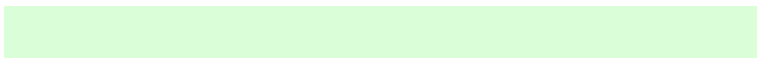
The Inverse Universe completely reimagines the original color for something new.



76.2300, 0.3267, 0.3092



72.8053, 0.3301, 0.3049



90.6107, 0.3116, 0.3690



18.1465, 0.3211, 0.3166



12.0379, 0.4857, 0.2449



1.1942, 0.4617, 0.2317

Previews

White Background



This preview shows how the Yxy color 73.7599, 0.3006, 0.2903 looks on a white background.

Color Contrast Check

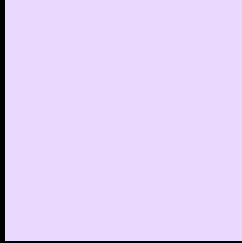
Large Text (above 18pt) WCAG AA × Fail

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 73.7599, 0.3006, 0.2903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

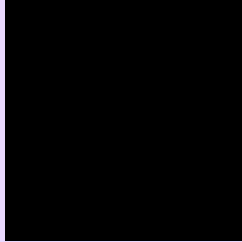
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.7599, 0.3006, 0.2903

Background



This preview shows how black text looks on a background with the Yxy color 73.7599, 0.3006, 0.2903.

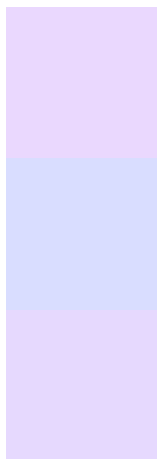


This preview shows how white text looks on a background with the Yxy color 73.7599, 0.3006, 0.2903.

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

73.7599, 0.3006, 0.2903

Protanopia

73.6846, 0.2887, 0.2933

Deuteranopia

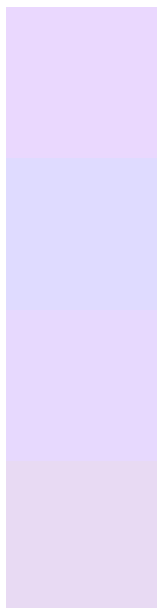
73.6045, 0.2978, 0.2910



Tritanopia

73.7081, 0.3100, 0.3112

Trichromacy



Original Color

73.7599, 0.3006, 0.2903

Protanomaly

73.5710, 0.2926, 0.2916

Deuteranomaly

73.7704, 0.2985, 0.2911

Tritanomaly

73.7697, 0.3062, 0.3031

Monochromacy



Original Color

73.7599, 0.3006, 0.2903

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

74.9567, 0.3085, 0.3143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7599, 0.3006, 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(234, 216, 254)` looks like.

```
.text, #text, p{  
    color:rgb(234, 216, 254)  
}
```

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(234, 216, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 216, 254) }
```

Border

The CSS property to change the border of an element to Yxy 73.7599, 0.3006, 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(234, 216, 254) }
```

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

```
.border{ border-color:rgb(234, 216, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 216, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 216, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 216, 254);  
box-shadow:4px 4px 4px 4px rgb(234, 216,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 73.7599, 0.3006, 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(234, 216, 254) }
```

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

```
.background{ background-color: rgb(234,  
216, 254) }
```

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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