

Converting Colors

$Y_{xy}(79.5123, 0.2672, 0.2418)$

Have a look what the booklet for
Yxy(79.5123, 0.2672, 0.2418)
contains.

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Color

Yxy(75.3755, 0.2999, 0.2924)

Conversions

Conversions Part 1

Format	Color
Hex	EADBFF
RGB	234, 219, 255
RGB Percent	92%, 86%, 100%
CMY	0.0825, 0.1411, 0.0000
CMYK	0.08, 0.14, 0.00, 0.00
HSL	265°, 100%, 93%
HSV	265°, 14%, 100%
XYZ	77.3089, 75.3755, 105.0978
YIQ	227.5890, -2.6160, 14.3760

Conversions

Conversions Part 2

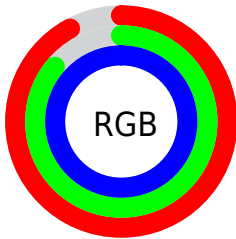
Format	Color
R _Y B	234, 219, 255
Decimal	15391743
CIE _{Lab}	89.57, 11.69, -15.64
CIE _{LCh}	90, 19.529, 306.786
Y _{xy}	75.3755, 0.2999, 0.2924
Android (android.graphics.Color)	4293581823 (0xFFEADBFF)
YUV	227.5890, 13.5136, 5.6224
Hunter-Lab	86.8191, 7.0137, -10.9995

Details

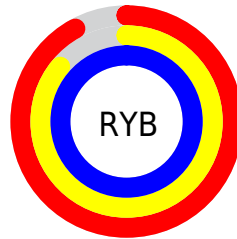
The Yxy color **75.3755, 0.2999, 0.2924** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **95.1670, 0.3242, 0.3652**, and the grayscale version is **77.1670, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.0931, 0.2969, 0.2846** is the 20% darker color. If you saturate the color by 10%, you get **60.6586, 0.2891, 0.2638**, and if you desaturate by 10%, it is **92.3463, 0.3093, 0.3188**.

Distribution



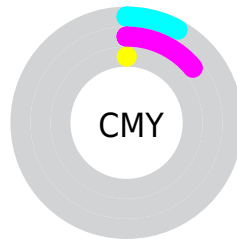
- Red (92%)
- Green (86%)
- Blue (100%)



- Red (92%)
- Yellow (86%)
- Blue (100%)



- Cyan (8%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)





- Cyan (8%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.3755, 0.2999, 0.2924 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 75.3755, 0.2999, 0.2924 by changing the saturation by 10% instead.


 75.3755, 0.2999,
0.2924

 75.3755, 0.2999,
0.2924

479.2072, 0.3059,
0.3088

 55.9206, 0.2985,
0.2888


126.8438, 0.3020,
0.2980

 40.1392, 0.2968,
0.2843


159.6259, 0.3028,
0.3002

 27.6471, 0.2946,
0.2788


197.6192, 0.3035,
0.3021

 18.0598, 0.2917,
0.2718

241.2080, 0.3041,
0.3038

 10.9929, 0.2878,
0.2624

290.7769, 0.3047,
0.3053

 6.0621, 0.2821,
0.2495

346.7101, 0.3051,

 2.8829, 0.2732,

0.3066

0.2306

409.3921, 0.3055,
0.3078

■ 1.0709, 0.2576,
0.2002

■ 0.0000, 0.1870,
0.0000

■ 75.3755, 0.2999,
0.2924

■ 75.3755, 0.2999,
0.2924

■ 60.6586, 0.2891,
0.2638

■ 92.3463, 0.3093,
0.3188

■ 48.0922, 0.2767,
0.2335

100.0000, 0.3127,
0.3290

■ 37.5734, 0.2631,
0.2023

■ 28.9880, 0.2483,
0.1716

■ 22.2105, 0.2331,
0.1429

■ 17.1000, 0.2180,
0.1180

■ 13.4935, 0.2039,
0.0983

■ 11.1925, 0.1915,
0.0849

■ 10.2853, 0.1851,
0.0794

Harmonies

Analogous

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



75.3755, 0.2805, 0.2907



75.3755, 0.2999, 0.2924



75.3755, 0.3234, 0.3030

Triad

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



75.3755, 0.2999, 0.2924



75.3755, 0.3574, 0.3575



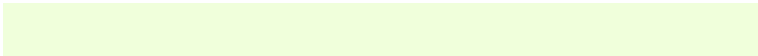
75.3755, 0.2813, 0.3373

Complementary

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



75.3755, 0.2999, 0.2924



95.1670, 0.3242, 0.3652

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.



75.3755, 0.3010, 0.3573



75.3755, 0.2999, 0.2924



75.3755, 0.3451, 0.3686

Square

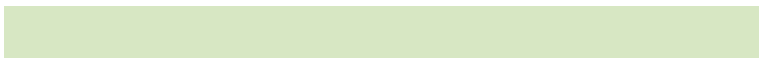
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.3755, 0.2999, 0.2924



75.3755, 0.3573, 0.3397



75.3755, 0.3243, 0.3689



75.3755, 0.2701, 0.3156

Rectangle

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



75.3755, 0.2999, 0.2924



75.3755, 0.3383, 0.3138



75.3755, 0.3243, 0.3689



75.3755, 0.2871, 0.3445

Sweetspot

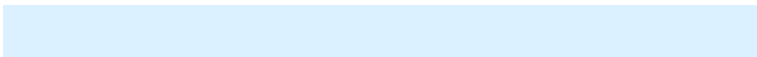
The Sweet Spot groups the original color and five complimentary colors.



75.3774, 0.2999, 0.2924



92.5511, 0.3094, 0.3191



84.9588, 0.2907, 0.3142



19.5189, 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.



75.3774, 0.2999, 0.2924



70.9011, 0.2969, 0.2844



78.4731, 0.3119, 0.2937



17.7466, 0.3044, 0.3049



5.4570, 0.1868, 0.0803



0.5936, 0.1994, 0.0872

Inverse Universe

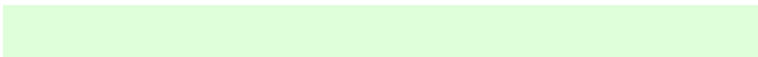
The Inverse Universe completely reimagines the original color for something new.



78.2228, 0.3244, 0.3083



74.2852, 0.3271, 0.3038



92.2613, 0.3132, 0.3664



18.1651, 0.3202, 0.3152



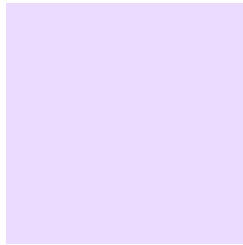
12.2728, 0.4609, 0.2313



1.2167, 0.4405, 0.2200

Previews

White Background



This preview shows how the Yxy color 75.3755, 0.2999, 0.2924 looks on a white background.

Color Contrast Check

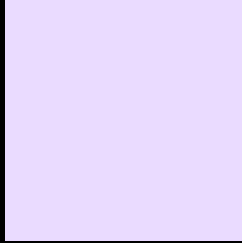
Large Text (above 18pt) WCAG AA × Fail

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 75.3755, 0.2999, 0.2924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

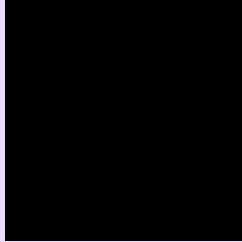
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.3755, 0.2999, 0.2924

Background



This preview shows how black text looks on a background with the Yxy color 75.3755, 0.2999, 0.2924.

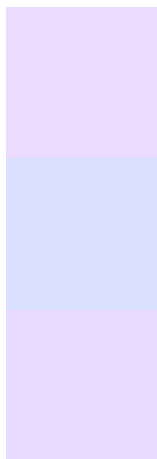


This preview shows how white text looks on a background with the Yxy color 75.3755, 0.2999, 0.2924.

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

75.3755, 0.2999, 0.2924

Protanopia

75.7470, 0.2907, 0.2967

Deuteranopia

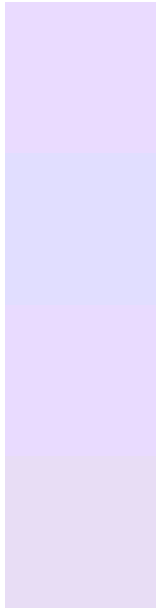
75.2067, 0.2993, 0.2923



Tritanopia

75.4635, 0.3080, 0.3113

Trichromacy



Original Color

75.3755, 0.2999, 0.2924

Protanomaly

75.4701, 0.2939, 0.2949

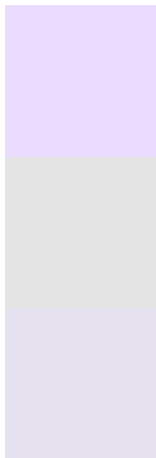
Deuteranomaly

75.2067, 0.2993, 0.2923

Tritanomaly

75.4613, 0.3049, 0.3042

Monochromacy



Original Color

75.3755, 0.2999, 0.2924

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.8465, 0.3078, 0.3155

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3755, 0.2999, 0.2924 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, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(234, 219, 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(234, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 219, 255) }
```

Border

The CSS property to change the border of an element to Yxy 75.3755, 0.2999, 0.2924 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, 219, 255) }
```

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

```
.border{ border-color:rgb(234, 219, 255) }
```

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

Here you see how a box with a 4 pixel rgb(234, 219, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(234, 219,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 75.3755, 0.2999, 0.2924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 219, 255) }
```

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

```
.background{ background-color: rgb(234,  
219, 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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