

Converting Colors

$Y_{xy}(75.5982, 0.3045, 0.2941)$

Have a look what the booklet for
Yxy(75.5982, 0.3045, 0.2941)
contains.

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Color

Yxy(75.5854, 0.3046, 0.2937)

Conversions

Conversions Part 1

Format	Color
Hex	EFDAFD
RGB	239, 218, 253
RGB Percent	94%, 85%, 99%
CMY	0.0628, 0.1450, 0.0079
CMYK	0.06, 0.14, 0.00, 0.01
HSL	276°, 90%, 92%
HSV	276°, 14%, 99%
XYZ	78.3906, 75.5854, 103.3798
YIQ	228.2690, 1.2810, 15.3370

Conversions

Conversions Part 2

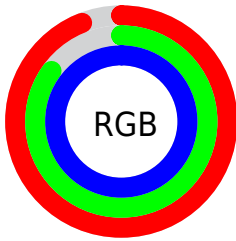
Format	Color
R _{YB}	239, 218, 253
Decimal	15719165
CIE _{Lab}	89.67, 13.44, -14.39
CIE _{LCh}	90, 19.689, 313.046
Yxy	75.5854, 0.3046, 0.2937
Android (android.graphics.Color)	4293909245 (0xFFEFDAFD)
YUV	228.2690, 12.1924, 9.4111
Hunter-Lab	86.9399, 8.8023, -9.6436

Details

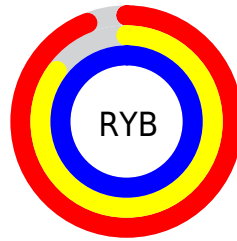
The Yxy color **75.5854, 0.3046, 0.2937** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92.4701, 0.3199, 0.3648**, and the grayscale version is **77.6986, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.2472, 0.3029, 0.2863** is the 20% darker color. If you saturate the color by 10%, you get **61.7373, 0.2975, 0.2662**, and if you desaturate by 10%, it is **91.5415, 0.3107, 0.3196**.

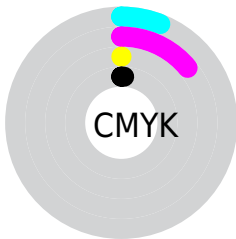
Distribution



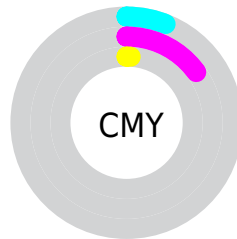
- Red (94%)
- Green (85%)
- Blue (99%)



- Red (94%)
- Yellow (85%)
- Blue (99%)



- Cyan (6%)
- Magenta (14%)
- Yellow (0%)
- Black (1%)




- Cyan (6%)
- Magenta (15%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.5854, 0.3046, 0.2937 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 75.5854, 0.3046, 0.2937 by changing the saturation by 10% instead.

 75.5854, 0.3046,
0.2937

 75.5854, 0.3046,
0.2937

479.9273, 0.3085,
0.3095

 56.0926, 0.3037,
0.2902


127.1407, 0.3060,
0.2991

 40.2772, 0.3026,
0.2859


159.9719, 0.3065,
0.3012

 27.7547, 0.3011,
0.2806


198.0182, 0.3069,
0.3031

 18.1408, 0.2992,
0.2739

241.6637, 0.3073,
0.3047

 11.0512, 0.2965,
0.2649

291.2930, 0.3077,
0.3061

 6.1013, 0.2926,
0.2525

347.2904, 0.3080,

 2.9067, 0.2863,

0.3074

0.2343

410.0404, 0.3082,
0.3085

■ 1.0832, 0.2750,
0.2052

■ 0.0000, 0.2328,
0.0000

■ 75.5854, 0.3046,
0.2937

■ 75.5854, 0.3046,
0.2937

■ 61.7373, 0.2975,
0.2662

■ 91.5415, 0.3107,
0.3196

■ 49.8955, 0.2893,
0.2376

99.8714, 0.3139,
0.3309

■ 39.9642, 0.2800,
0.2088

■ 31.8355, 0.2699,
0.1810

■ 25.3908, 0.2592,
0.1555

■ 20.4966, 0.2482,
0.1336

■ 16.9984, 0.2374,
0.1164

■ 14.7077, 0.2272,
0.1045

■ 13.7303, 0.2213,
0.0993

Harmonies

Analogous

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



75.5854, 0.2837, 0.2900



75.5854, 0.3046, 0.2937



75.5854, 0.3284, 0.3060

Triad

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



75.5854, 0.3046, 0.2937



75.5854, 0.3560, 0.3608



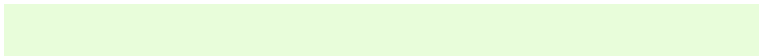
75.5854, 0.2779, 0.3327

Complementary

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



75.5854, 0.3046, 0.2937



92.4701, 0.3199, 0.3648

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.



75.5854, 0.2963, 0.3538



75.5854, 0.3046, 0.2937



75.5854, 0.3415, 0.3700

Square

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



75.5854, 0.3046, 0.2937



75.5854, 0.3587, 0.3438



75.5854, 0.3195, 0.3677



75.5854, 0.2688, 0.3114

Rectangle

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



75.5854, 0.3046, 0.2937



75.5854, 0.3426, 0.3175



75.5854, 0.3195, 0.3677



75.5854, 0.2832, 0.3401

Sweetspot

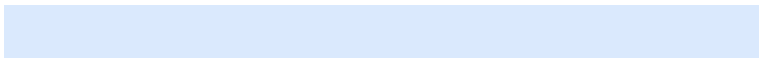
The Sweet Spot groups the original color and five complimentary colors.



75.5886, 0.3046, 0.2937



92.8969, 0.3106, 0.3192



80.0446, 0.2909, 0.3077



19.6064, 0.3101, 0.3173



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.



75.5886, 0.3046, 0.2937



72.2453, 0.3025, 0.2851



77.9389, 0.3162, 0.2975



17.9161, 0.3073, 0.3051



7.3915, 0.2228, 0.1001



0.7833, 0.2337, 0.1061

Inverse Universe

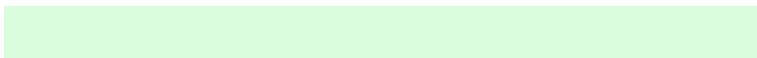
The Inverse Universe completely reimagines the original color for something new.



76.8597, 0.3285, 0.3150



73.8304, 0.3328, 0.3116



90.3709, 0.3093, 0.3627



18.1077, 0.3231, 0.3195



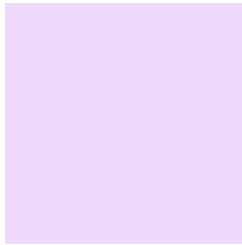
11.6395, 0.5381, 0.2738



1.1542, 0.5080, 0.2572

Previews

White Background



This preview shows how the Yxy color 75.5854, 0.3046, 0.2937 looks on a white background.

Color Contrast Check

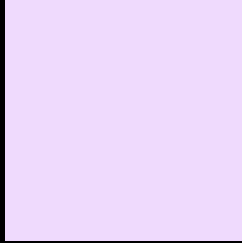
Large Text (above 18pt) WCAG AA × Fail

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 75.5854, 0.3046, 0.2937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

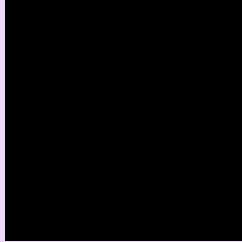
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.5854, 0.3046, 0.2937

Background



This preview shows how black text looks on a background with the Yxy color 75.5854, 0.3046, 0.2937.

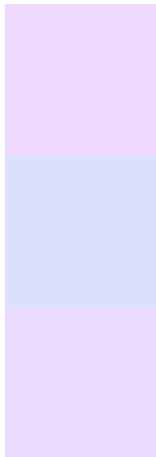


This preview shows how white text looks on a background with the Yxy color 75.5854, 0.3046, 0.2937.

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

75.5854, 0.3046, 0.2937

Protanopia

75.7470, 0.2907, 0.2967

Deuteranopia

75.9404, 0.3019, 0.2955



Tritanopia

75.8905, 0.3128, 0.3115

Trichromacy



Original Color

75.5854, 0.3046, 0.2937

Protanomaly

75.7292, 0.2959, 0.2960

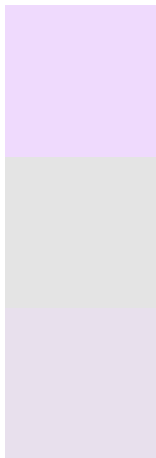
Deuteranomaly

75.5878, 0.3025, 0.2945

Tritanomaly

75.8346, 0.3103, 0.3055

Monochromacy



Original Color

75.5854, 0.3046, 0.2937

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.5815, 0.3099, 0.3155

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5854, 0.3046, 0.2937 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(239, 218, 253)` looks like.

```
.text, #text, p{  
    color:rgb(239, 218, 253)  
}
```

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(239, 218, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 218, 253) }
```

Border

The CSS property to change the border of an element to Yxy 75.5854, 0.3046, 0.2937 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(239, 218, 253) }
```

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

```
.border{ border-color:rgb(239, 218, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 218, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 218, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 218, 253);  
box-shadow:4px 4px 4px 4px rgb(239, 218,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 75.5854, 0.3046, 0.2937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 218, 253) }
```

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

```
.background{ background-color: rgb(239,  
218, 253) }
```

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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