

Converting Colors

$Yxy(74.7465, 0.2997, 0.2980)$

Have a look what the booklet for
Yxy(74.7465, 0.2997, 0.2980)
contains.

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Color

Yxy(74.7465, 0.2997, 0.2980)

Conversions

Conversions Part 1

Format	Color
Hex	E5DCFA
RGB	229, 220, 250
RGB Percent	90%, 86%, 98%
CMY	0.1018, 0.1373, 0.0196
CMYK	0.08, 0.12, 0.00, 0.02
HSL	258°, 75%, 92%
HSV	258°, 12%, 98%
XYZ	75.1729, 74.7465, 100.9078
YIQ	226.1110, -4.2660, 11.2380

Conversions

Conversions Part 2

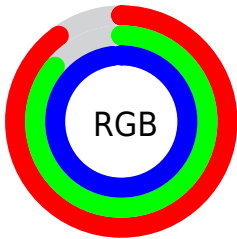
Format	Color
R _Y B	229, 220, 250
Decimal	15064314
CIE Lab	89.27, 8.62, -13.49
CIE LCh	89, 16.008, 302.602
Yxy	74.7465, 0.2997, 0.2980
Android (android.graphics.Color)	4293254394 (0xFFE5DCFA)
YUV	226.1110, 11.7773, 2.5337
Hunter-Lab	86.4561, 3.9063, -8.6815

Details

The Yxy color $74.7465, 0.2997, 0.2980$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $92.2292, 0.3247, 0.3593$, and the grayscale version is $76.0595, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.6895, 0.2958, 0.2904$ is the 20% darker color. If you saturate the color by 10%, you get $59.8652, 0.2870, 0.2693$, and if you desaturate by 10%, it is $91.8850, 0.3107, 0.3241$.

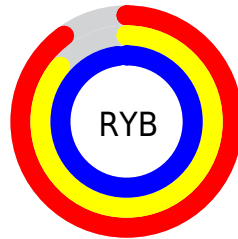
Distribution



Red (90%)

Green (86%)

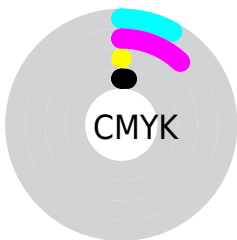
Blue (98%)



Red (90%)

Yellow (86%)

Blue (98%)

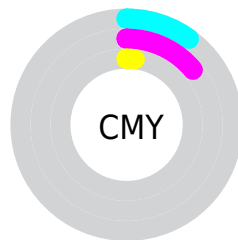


Cyan (8%)

Magenta (12%)

Yellow (0%)

Black (2%)



Cyan (10%)

Magenta (14%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.7465, 0.2997, 0.2980 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 74.7465, 0.2997, 0.2980 by changing the saturation by 10% instead.

74.7465, 0.2997,
0.2980

74.7465, 0.2997,
0.2980

477.0458, 0.3058,
0.3120

55.4052, 0.2983,
0.2949

125.9535, 0.3018,
0.3028

39.7263, 0.2966,
0.2911

158.5879, 0.3026,
0.3047

27.3252, 0.2944,
0.2863

196.4223, 0.3033,
0.3063

17.8176, 0.2915,
0.2801

239.8409, 0.3040,
0.3077

10.8191, 0.2876,
0.2720

289.2282, 0.3045,
0.3090

5.9453, 0.2819,
0.2605

344.9685, 0.3050,

2.8119, 0.2731,

0.3101

0.2435

407.4462, 0.3054,
0.3111

■ 1.0343, 0.2575,
0.2155

■ 0.0000, 0.1356,
0.0000

■ 74.7465, 0.2997,
0.2980

■ 74.7465, 0.2997,
0.2980

■ 59.8652, 0.2870,
0.2693

■ 91.8850, 0.3107,
0.3241

■ 47.1362, 0.2726,
0.2384

■ 99.6822, 0.3156,
0.3338

■ 36.4607, 0.2567,
0.2060

■ 27.7279, 0.2397,
0.1735

■ 20.8165, 0.2223,
0.1425

■ 15.5910, 0.2054,
0.1152

■ 11.8964, 0.1900,
0.0932

■ 9.5471, 0.1771,
0.0780

■ 8.4171, 0.1688,
0.0704

Harmonies

Analogous

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



74.7465, 0.2844, 0.2978



74.7465, 0.2997, 0.2980



74.7465, 0.3189, 0.3059

Triad

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



74.7465, 0.2997, 0.2980



74.7465, 0.3500, 0.3509



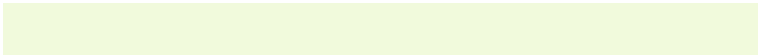
74.7465, 0.2888, 0.3384

Complementary

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



74.7465, 0.2997, 0.2980



92.2292, 0.3247, 0.3593

Split Complementary

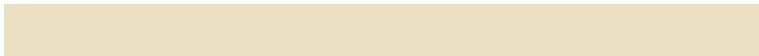
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.7465, 0.3058, 0.3539



74.7465, 0.2997, 0.2980



74.7465, 0.3413, 0.3608

Square

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



74.7465, 0.2997, 0.2980



74.7465, 0.3484, 0.3357



74.7465, 0.3250, 0.3622



74.7465, 0.2783, 0.3205

Rectangle

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



74.7465, 0.2997, 0.2980



74.7465, 0.3314, 0.3145



74.7465, 0.3250, 0.3622



74.7465, 0.2939, 0.3441

Sweetspot

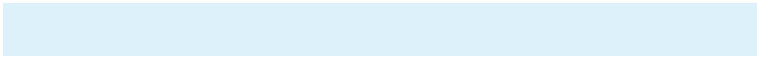
The Sweet Spot groups the original color and five complimentary colors.



74.7497, 0.2997, 0.2980



92.3382, 0.3086, 0.3191



85.0256, 0.2941, 0.3197



19.4651, 0.3078, 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.



74.7497, 0.2997, 0.2980



74.8755, 0.2973, 0.2924



77.3163, 0.3099, 0.2990



16.8970, 0.3026, 0.3048



4.5299, 0.1703, 0.0712



0.4723, 0.1827, 0.0780

Inverse Universe

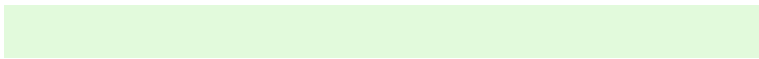
The Inverse Universe completely reimagines the original color for something new.



77.8528, 0.3201, 0.3081



78.6249, 0.3215, 0.3045



89.7063, 0.3151, 0.3602



17.4301, 0.3184, 0.3126



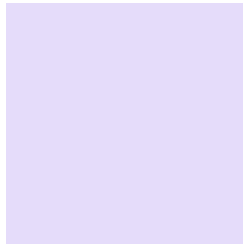
12.4392, 0.4155, 0.2062



1.1709, 0.4014, 0.1985

Previews

White Background



This preview shows how the Yxy color 74.7465, 0.2997, 0.2980 looks on a white background.

Color Contrast Check

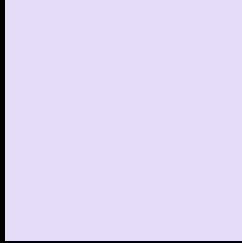
Large Text (above 18pt) WCAG AA × Fail

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 74.7465, 0.2997, 0.2980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

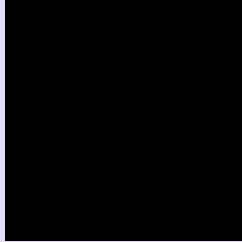
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

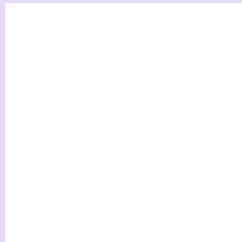
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.7465, 0.2997, 0.2980

Background



This preview shows how black text looks on a background with the Yxy color 74.7465, 0.2997, 0.2980.

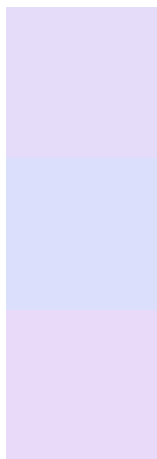


This preview shows how white text looks on a background with the Yxy color 74.7465, 0.2997, 0.2980.

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

74.7465, 0.2997, 0.2980

Protanopia

75.0193, 0.2925, 0.2986

Deuteranopia

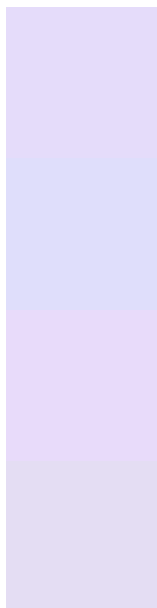
74.5374, 0.3031, 0.2962



Tritanopia

74.8054, 0.3052, 0.3111

Trichromacy



Original Color

74.7465, 0.2997, 0.2980

Protanomaly

74.8956, 0.2951, 0.2988

Deuteranomaly

74.7210, 0.3017, 0.2972

Tritanomaly

74.6779, 0.3034, 0.3060

Monochromacy



Original Color

74.7465, 0.2997, 0.2980

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.6404, 0.3077, 0.3174

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7465, 0.2997, 0.2980 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(229, 220, 250)` looks like.

```
.text, #text, p{  
    color:rgb(229, 220, 250)  
}
```

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(229, 220, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 220, 250) }
```

Border

The CSS property to change the border of an element to Yxy 74.7465, 0.2997, 0.2980 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(229, 220, 250) }
```

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

```
.border{ border-color:rgb(229, 220, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 220, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 220, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 220, 250);  
box-shadow:4px 4px 4px 4px rgb(229, 220,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7465, 0.2997, 0.2980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 220, 250) }
```

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

```
.background{ background-color: rgb(229,  
220, 250) }
```

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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