

Converting Colors

$Yxy(73.7765, 0.3017, 0.3030)$

Have a look what the booklet for
Yxy(73.7765, 0.3017, 0.3030)
contains.

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Color

Yxy(74.0489, 0.3021, 0.3039)

Conversions

Conversions Part 1

Format	Color
Hex	E3DCF4
RGB	227, 220, 244
RGB Percent	89%, 86%, 96%
CMY	0.1096, 0.1373, 0.0431
CMYK	0.07, 0.10, 0.00, 0.04
HSL	258°, 52%, 91%
HSV	258°, 10%, 96%
XYZ	73.6103, 74.0489, 96.0029
YIQ	224.8290, -3.5320, 8.9480

Conversions

Conversions Part 2

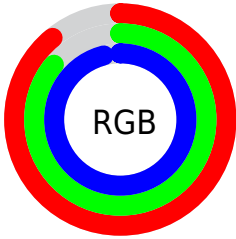
Format	Color
R _Y B	227, 220, 244
Decimal	14933236
CIE Lab	88.95, 6.81, -10.84
CIE LCh	89, 12.804, 302.156
Yxy	74.0489, 0.3021, 0.3039
Android (android.graphics.Color)	4293123316 (0xFFE3DCF4)
YUV	224.8290, 9.4513, 1.9040
Hunter-Lab	86.0517, 2.1020, -5.9102

Details

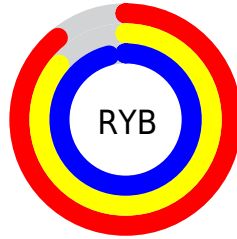
The Yxy color **74.0489, 0.3021, 0.3039** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **87.8673, 0.3227, 0.3536**, and the grayscale version is **75.1042, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.3118, 0.2997, 0.2980** is the 20% darker color. If you saturate the color by 10%, you get **59.5009, 0.2896, 0.2757**, and if you desaturate by 10%, it is **90.7531, 0.3129, 0.3294**.

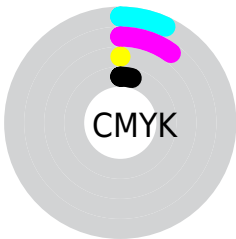
Distribution



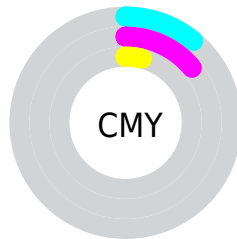
- Red (89%)
- Green (86%)
- Blue (96%)



- Red (89%)
- Yellow (86%)
- Blue (96%)



- Cyan (7%)
- Magenta (10%)
- Yellow (0%)
- Black (4%)



- Cyan (11%)
- Magenta (14%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.0489, 0.3021, 0.3039 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 74.0489, 0.3021, 0.3039 by changing the saturation by 10% instead.

74.0489, 0.3021,
0.3039

74.0489, 0.3021,
0.3039

474.6421, 0.3071,
0.3153

54.8341, 0.3010,
0.3013

124.9651, 0.3038,
0.3078

39.2689, 0.2996,
0.2982

157.4353, 0.3045,
0.3094

26.9690, 0.2978,
0.2943

195.0927, 0.3051,
0.3107

17.5499, 0.2954,
0.2892

238.3218, 0.3056,
0.3118

10.6273, 0.2922,
0.2823

287.5068, 0.3060,
0.3129

5.8168, 0.2875,
0.2727

343.0323, 0.3064,

2.7340, 0.2802,

0.3138

0.2581

405.2826, 0.3067,
0.3146

■ 0.9945, 0.2670,
0.2336

■ 0.0000, 0.0808,
0.0000

■ 74.0489, 0.3021,
0.3039

■ 74.0489, 0.3021,
0.3039

■ 59.5009, 0.2896,
0.2757

■ 90.7531, 0.3129,
0.3294

■ 47.0108, 0.2755,
0.2452

■ 99.3119, 0.3191,
0.3395

■ 36.4866, 0.2597,
0.2130

■ 27.8255, 0.2428,
0.1804

■ 20.9154, 0.2253,
0.1488

■ 15.6314, 0.2080,
0.1204

■ 11.8318, 0.1922,
0.0971

■ 9.3490, 0.1787,
0.0803

■ 7.9143, 0.1681,
0.0700

Harmonies

Analogous

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



74.0489, 0.2898, 0.3039



74.0489, 0.3021, 0.3039



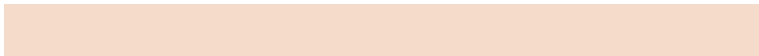
74.0489, 0.3175, 0.3102

Triad

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



74.0489, 0.3021, 0.3039



74.0489, 0.3426, 0.3465



74.0489, 0.2937, 0.3367

Complementary

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



74.0489, 0.3021, 0.3039



87.8673, 0.3227, 0.3536

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.



74.0489, 0.3074, 0.3490



74.0489, 0.3021, 0.3039



74.0489, 0.3358, 0.3545

Square

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



74.0489, 0.3021, 0.3039



74.0489, 0.3412, 0.3344



74.0489, 0.3229, 0.3555



74.0489, 0.2851, 0.3225

Rectangle

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



74.0489, 0.3021, 0.3039



74.0489, 0.3275, 0.3171



74.0489, 0.3229, 0.3555



74.0489, 0.2978, 0.3413

Sweetspot

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



74.0520, 0.3021, 0.3039



94.2052, 0.3096, 0.3216



82.4309, 0.2975, 0.3219



19.8403, 0.3088, 0.3196



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.



74.0520, 0.3021, 0.3039



78.1347, 0.2995, 0.2980



76.0306, 0.3102, 0.3045



16.1624, 0.3025, 0.3048



4.3538, 0.1694, 0.0707



0.4333, 0.1823, 0.0778

Inverse Universe

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



76.5281, 0.3185, 0.3118



81.4415, 0.3199, 0.3079



85.9094, 0.3149, 0.3542



16.6805, 0.3183, 0.3124



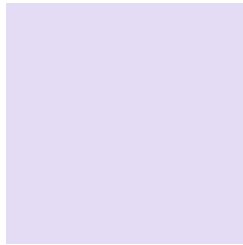
12.1103, 0.4122, 0.2045



1.0823, 0.3980, 0.1966

Previews

White Background



This preview shows how the Yxy color 74.0489, 0.3021, 0.3039 looks on a white background.

Color Contrast Check

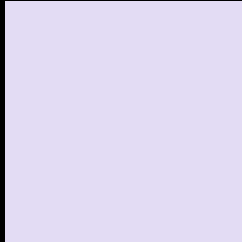
Large Text (above 18pt) WCAG AA × Fail

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 74.0489, 0.3021, 0.3039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

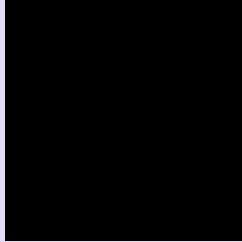
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

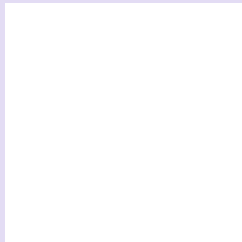
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.0489, 0.3021, 0.3039

Background



This preview shows how black text looks on a background with the Yxy color 74.0489, 0.3021, 0.3039.



This preview shows how white text looks on a background with the Yxy color 74.0489, 0.3021, 0.3039.

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

74.0489, 0.3021, 0.3039

Protanopia

74.2073, 0.2974, 0.3047

Deuteranopia

73.8804, 0.3070, 0.3002



Tritanopia

74.0547, 0.3052, 0.3111

Trichromacy



Original Color

74.0489, 0.3021, 0.3039

Protanomaly

73.9935, 0.2987, 0.3038

Deuteranomaly

73.8912, 0.3049, 0.3011

Tritanomaly

74.1729, 0.3039, 0.3090

Monochromacy



Original Color

74.0489, 0.3021, 0.3039

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.7703, 0.3090, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0489, 0.3021, 0.3039 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(227, 220, 244)` looks like.

```
.text, #text, p{  
    color:rgb(227, 220, 244)  
}
```

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(227, 220, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 220, 244) }
```

Border

The CSS property to change the border of an element to Yxy 74.0489, 0.3021, 0.3039 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(227, 220, 244) }
```

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

```
.border{ border-color:rgb(227, 220, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 220, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 220, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 220, 244);  
box-shadow:4px 4px 4px 4px rgb(227, 220,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0489, 0.3021, 0.3039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 220, 244) }
```

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

```
.background{ background-color: rgb(227,  
220, 244) }
```

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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