

Converting Colors

$Y_{xy}(74.1978, 0.3047, 0.3074)$

Have a look what the booklet for
Yxy(74.1978, 0.3047, 0.3074)
contains.

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Color

Yxy(74.0313, 0.3047, 0.3070)

Conversions

Conversions Part 1

Format	Color
Hex	E4DCF1
RGB	228, 220, 241
RGB Percent	89%, 86%, 95%
CMY	0.1057, 0.1373, 0.0549
CMYK	0.05, 0.09, 0.00, 0.05
HSL	263°, 43%, 90%
HSV	263°, 9%, 95%
XYZ	73.4767, 74.0313, 93.6363
YIQ	224.7860, -1.9730, 8.2270

Conversions

Conversions Part 2

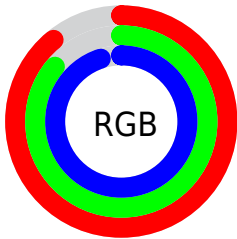
Format	Color
R _Y B	228, 220, 241
Decimal	14998769
CIE Lab	88.94, 6.57, -9.27
CIE LCh	89, 11.360, 305.351
Yxy	74.0313, 0.3047, 0.3070
Android (android.graphics.Color)	4293188849 (0xFFE4DCF1)
YUV	224.7860, 7.9935, 2.8187
Hunter-Lab	86.0414, 1.8608, -4.2945

Details

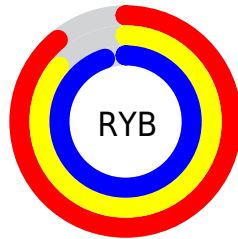
The Yxy color **74.0313, 0.3047, 0.3070** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85.3925, 0.3203, 0.3508**, and the grayscale version is **75.0823, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2973, 0.3031, 0.3019** is the 20% darker color. If you saturate the color by 10%, you get **59.9564, 0.2941, 0.2795**, and if you desaturate by 10%, it is **90.1448, 0.3138, 0.3321**.

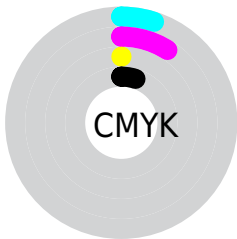
Distribution



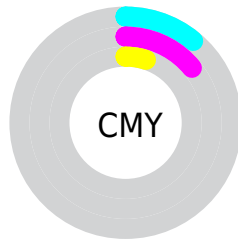
- Red (89%)
- Green (86%)
- Blue (95%)



- Red (89%)
- Yellow (86%)
- Blue (95%)



- Cyan (5%)
- Magenta (9%)
- Yellow (0%)
- Black (5%)





- Cyan (11%)
- Magenta (14%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.0313, 0.3047, 0.3070 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 74.0313, 0.3047, 0.3070 by changing the saturation by 10% instead.

 74.0313, 0.3047,
0.3070

 74.0313, 0.3047,
0.3070

474.5814, 0.3084,
0.3170

 54.8197, 0.3038,
0.3047


124.9402, 0.3060,
0.3104

 39.2574, 0.3028,
0.3020


157.4062, 0.3065,
0.3118

 26.9600, 0.3014,
0.2985


195.0591, 0.3069,
0.3130

 17.5432, 0.2996,
0.2940

238.2834, 0.3073,
0.3140

 10.6225, 0.2971,
0.2880

287.4633, 0.3077,
0.3149

 5.8136, 0.2936,
0.2794

342.9834, 0.3080,

 2.7321, 0.2879,

0.3157

0.2665

405.2280, 0.3082,
0.3164

■ 0.9935, 0.2776,
0.2444

■ 0.0000, 0.0856,
0.0000

■ 74.0313, 0.3047,
0.3070

■ 74.0313, 0.3047,
0.3070

■ 59.9564, 0.2941,
0.2795

■ 90.1448, 0.3138,
0.3321

■ 47.8278, 0.2820,
0.2499

■ 99.1310, 0.3209,
0.3425

■ 37.5600, 0.2683,
0.2188

■ 29.0573, 0.2534,
0.1873

■ 22.2151, 0.2377,
0.1569

■ 16.9176, 0.2219,
0.1292

■ 13.0333, 0.2068,
0.1061

■ 10.4075, 0.1931,
0.0889

■ 8.8160, 0.1816,
0.0779

Harmonies

Analogous

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



74.0313, 0.2933, 0.3064



74.0313, 0.3047, 0.3070



74.0313, 0.3185, 0.3131

Triad

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



74.0313, 0.3047, 0.3070



74.0313, 0.3389, 0.3456



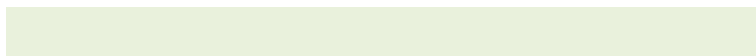
74.0313, 0.2947, 0.3346

Complementary

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



74.0313, 0.3047, 0.3070



85.3925, 0.3203, 0.3508

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.



74.0313, 0.3066, 0.3457



74.0313, 0.3047, 0.3070



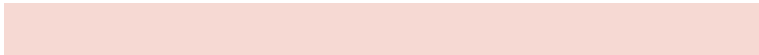
74.0313, 0.3322, 0.3520

Square

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



74.0313, 0.3047, 0.3070



74.0313, 0.3384, 0.3351



74.0313, 0.3203, 0.3522



74.0313, 0.2877, 0.3221

Rectangle

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



74.0313, 0.3047, 0.3070



74.0313, 0.3271, 0.3196



74.0313, 0.3203, 0.3522



74.0313, 0.2983, 0.3386

Sweetspot

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



74.0345, 0.3047, 0.3070



94.3324, 0.3101, 0.3216



79.8132, 0.2992, 0.3205



19.8746, 0.3093, 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.



74.0345, 0.3047, 0.3070



81.9354, 0.3034, 0.3035



75.8049, 0.3120, 0.3075



15.5242, 0.3040, 0.3050



4.7618, 0.1819, 0.0776



0.4517, 0.1965, 0.0856

Inverse Universe

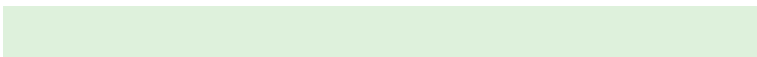
The Inverse Universe completely reimagines the original color for something new.



75.7624, 0.3191, 0.3157



84.1817, 0.3201, 0.3137



83.6780, 0.3133, 0.3512



15.9227, 0.3197, 0.3145



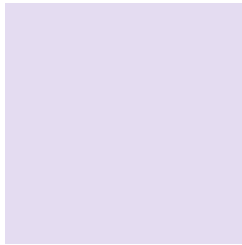
11.3373, 0.4473, 0.2238



0.9625, 0.4261, 0.2121

Previews

White Background



This preview shows how the Yxy color 74.0313, 0.3047, 0.3070 looks on a white background.

Color Contrast Check

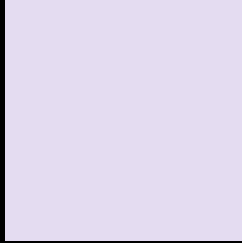
Large Text (above 18pt) WCAG AA × Fail

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 74.0313, 0.3047, 0.3070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

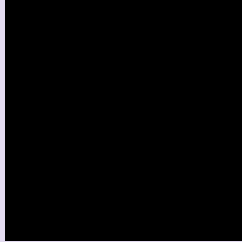
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

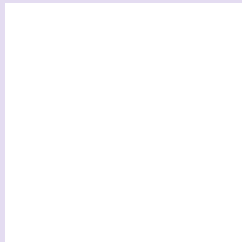
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.0313, 0.3047, 0.3070

Background



This preview shows how black text looks on a background with the Yxy color 74.0313, 0.3047, 0.3070.



This preview shows how white text looks on a background with the Yxy color 74.0313, 0.3047, 0.3070.

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

74.0313, 0.3047, 0.3070

Protanopia

74.1830, 0.2999, 0.3079

Deuteranopia

74.0410, 0.3104, 0.3033



Tritanopia

73.8534, 0.3066, 0.3101

Trichromacy



Original Color

74.0313, 0.3047, 0.3070

Protanomaly

73.9710, 0.3013, 0.3069

Deuteranomaly

74.0460, 0.3082, 0.3042

Tritanomaly

73.9124, 0.3059, 0.3091

Monochromacy



Original Color

74.0313, 0.3047, 0.3070

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.7136, 0.3096, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0313, 0.3047, 0.3070 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(228, 220, 241)` looks like.

```
.text, #text, p{  
    color:rgb(228, 220, 241)  
}
```

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(228, 220, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 220, 241) }
```

Border

The CSS property to change the border of an element to Yxy 74.0313, 0.3047, 0.3070 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(228, 220, 241) }
```

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

```
.border{ border-color:rgb(228, 220, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 220, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 220, 241); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 220, 241); box-shadow:4px 4px 4px 4px rgb(228, 220, 241) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0313, 0.3047, 0.3070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 220, 241) }
```

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

```
.background{ background-color: rgb(228,  
220, 241) }
```

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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