

Converting Colors

$Yxy(74.6226, 0.3083, 0.3101)$

Have a look what the booklet for
Yxy(74.6226, 0.3083, 0.3101)
contains.

Yxy(74.4073, 0.3080, 0.3092)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.4073, 0.3080, 0.3092)

Conversions

Conversions Part 1

Format	Color
Hex	E7DCEF
RGB	231, 220, 239
RGB Percent	91%, 86%, 94%
CMY	0.0943, 0.1372, 0.0627
CMYK	0.03, 0.08, 0.00, 0.06
HSL	275°, 37%, 90%
HSV	275°, 8%, 94%
XYZ	74.1185, 74.4073, 92.1187
YIQ	225.4550, 0.4570, 8.2410

Conversions

Conversions Part 2

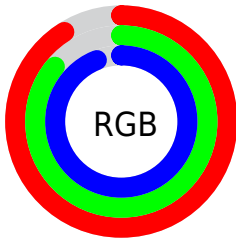
Format	Color
R _Y B	231, 220, 239
Decimal	15195375
CIE Lab	89.11, 7.14, -7.93
CIE LCh	89, 10.668, 312.014
Yxy	74.4073, 0.3080, 0.3092
Android (android.graphics.Color)	4293385455 (0xFFE7DCEF)
YUV	225.4550, 6.6777, 4.8630
Hunter-Lab	86.2597, 2.4215, -2.9354

Details

The Yxy color **74.4073, 0.3080, 0.3092** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83.4076, 0.3171, 0.3489**, and the grayscale version is **75.5888, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.4431, 0.3065, 0.3047** is the 20% darker color. If you saturate the color by 10%, you get **61.1114, 0.3011, 0.2826**, and if you desaturate by 10%, it is **89.6005, 0.3138, 0.3339**.

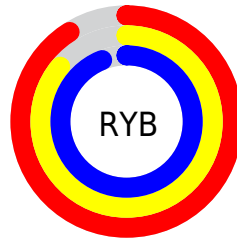
Distribution



Red (91%)

Green (86%)

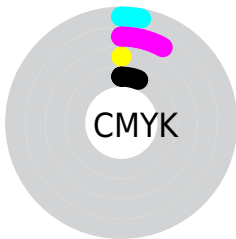
Blue (94%)



Red (91%)

Yellow (86%)

Blue (94%)

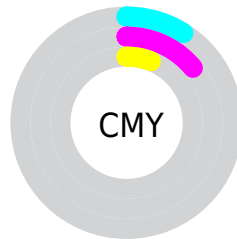


Cyan (3%)

Magenta (8%)

Yellow (0%)

Black (6%)



Cyan (9%)

Magenta (14%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.4073, 0.3080, 0.3092 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 74.4073, 0.3080, 0.3092 by changing the saturation by 10% instead.

74.4073, 0.3080,
0.3092

74.4073, 0.3080,
0.3092

475.8779, 0.3102,
0.3182

55.1275, 0.3075,
0.3072

125.4730, 0.3088,
0.3123

39.5038, 0.3068,
0.3047

158.0277, 0.3091,
0.3135

27.1519, 0.3060,
0.3016

195.7761, 0.3093,
0.3146

17.6873, 0.3049,
0.2975

239.1026, 0.3096,
0.3155

10.7257, 0.3034,
0.2921

288.3917, 0.3098,
0.3163

5.8827, 0.3012,
0.2844

344.0276, 0.3099,

2.7739, 0.2977,

0.3170

0.2728

406.3949, 0.3101,
0.3176

■ 1.0149, 0.2911,
0.2529

■ 0.0000, 0.1535,
0.0000

■ 74.4073, 0.3080,
0.3092

■ 74.4073, 0.3080,
0.3092

■ 61.1114, 0.3011,
0.2826

■ 89.6005, 0.3138,
0.3339

■ 49.6260, 0.2931,
0.2545

■ 98.3008, 0.3196,
0.3445

■ 39.8714, 0.2839,
0.2255

■ 99.0122, 0.3220,
0.3444

■ 31.7583, 0.2738,
0.1968

■ 25.1891, 0.2628,
0.1693

■ 20.0554, 0.2513,
0.1447

■ 16.2344, 0.2398,
0.1242

■ 13.5816, 0.2288,
0.1087

■ 11.8995, 0.2186,
0.0984

Harmonies

Analogous

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



74.4073, 0.2965, 0.3075



74.4073, 0.3080, 0.3092



74.4073, 0.3209, 0.3159

Triad

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



74.4073, 0.3080, 0.3092



74.4073, 0.3364, 0.3463



74.4073, 0.2939, 0.3316

Complementary

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



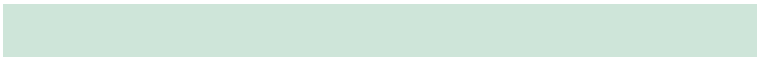
74.4073, 0.3080, 0.3092



83.4076, 0.3171, 0.3489

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.



74.4073, 0.3043, 0.3426



74.4073, 0.3080, 0.3092



74.4073, 0.3289, 0.3511

Square

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



74.4073, 0.3080, 0.3092



74.4073, 0.3375, 0.3371



74.4073, 0.3170, 0.3499



74.4073, 0.2885, 0.3201

Rectangle

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



74.4073, 0.3080, 0.3092



74.4073, 0.3286, 0.3225



74.4073, 0.3170, 0.3499



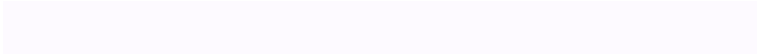
74.4073, 0.2969, 0.3355

Sweetspot

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



74.4105, 0.3080, 0.3092



96.3816, 0.3116, 0.3241



77.0726, 0.3004, 0.3176



20.6675, 0.3116, 0.3244



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.



74.4105, 0.3080, 0.3092



82.8040, 0.3066, 0.3038



75.7050, 0.3145, 0.3108



15.6785, 0.3070, 0.3052



6.4968, 0.2180, 0.0975



0.5989, 0.2311, 0.1047

Inverse Universe

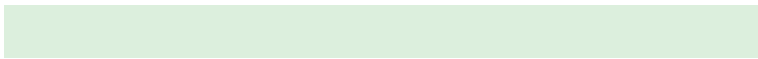
The Inverse Universe completely reimagines the original color for something new.



75.1522, 0.3209, 0.3207



83.8850, 0.3233, 0.3184



82.1893, 0.3110, 0.3479



15.8700, 0.3227, 0.3190



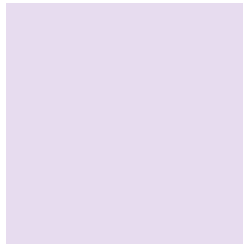
10.6880, 0.5280, 0.2682



0.9086, 0.4943, 0.2496

Previews

White Background



This preview shows how the Yxy color 74.4073, 0.3080, 0.3092 looks on a white background.

Color Contrast Check

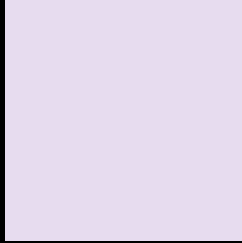
Large Text (above 18pt) WCAG AA × Fail

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 74.4073, 0.3080, 0.3092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

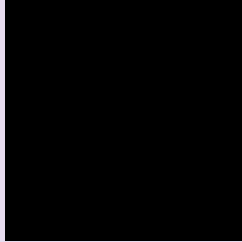
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

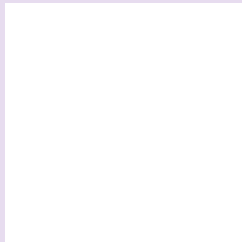
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.4073, 0.3080, 0.3092

Background



This preview shows how black text looks on a background with the Yxy color 74.4073, 0.3080, 0.3092.



This preview shows how white text looks on a background with the Yxy color 74.4073, 0.3080, 0.3092.

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

74.4073, 0.3080, 0.3092

Protanopia

74.2218, 0.3019, 0.3100

Deuteranopia

74.0941, 0.3124, 0.3054



Tritanopia

74.3484, 0.3087, 0.3102

Trichromacy



Original Color

74.4073, 0.3080, 0.3092

Protanomaly

74.1729, 0.3039, 0.3090

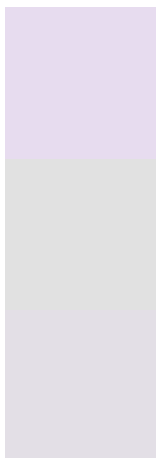
Deuteranomaly

74.0962, 0.3102, 0.3063

Tritanomaly

74.3484, 0.3087, 0.3102

Monochromacy



Original Color

74.4073, 0.3080, 0.3092

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.8194, 0.3110, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.4073, 0.3080, 0.3092 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(231, 220, 239)` looks like.

```
.text, #text, p{  
    color:rgb(231, 220, 239)  
}
```

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(231, 220, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 220, 239) }
```

Border

The CSS property to change the border of an element to Yxy 74.4073, 0.3080, 0.3092 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(231, 220, 239) }
```

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

```
.border{ border-color:rgb(231, 220, 239) }
```

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

Here you see how a box with a 4 pixel rgb(231, 220, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 220, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 220, 239);  
box-shadow:4px 4px 4px 4px rgb(231, 220,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 74.4073, 0.3080, 0.3092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 220, 239) }
```

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

```
.background{ background-color: rgb(231,  
220, 239) }
```

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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