

Converting Colors

$Yxy(74.9672, 0.3078, 0.3070)$

Have a look what the booklet for
Yxy(74.9672, 0.3078, 0.3070)
contains.

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Color

Yxy(74.8609, 0.3081, 0.3073)

Conversions

Conversions Part 1

Format	Color
Hex	E9DCF1
RGB	233, 220, 241
RGB Percent	91%, 86%, 95%
CMY	0.0865, 0.1371, 0.0550
CMYK	0.03, 0.09, 0.00, 0.06
HSL	277°, 43%, 90%
HSV	277°, 9%, 94%
XYZ	75.0558, 74.8609, 93.6918
YIQ	226.2810, 1.0070, 9.2870

Conversions

Conversions Part 2

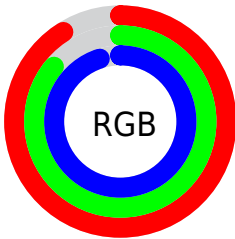
Format	Color
R _Y B	233, 220, 241
Decimal	15326449
CIE Lab	89.33, 8.15, -8.63
CIE LCh	89, 11.872, 313.375
Yxy	74.8609, 0.3081, 0.3073
Android (android.graphics.Color)	4293516529 (0xFFE9DCF1)
YUV	226.2810, 7.2565, 5.8926
Hunter-Lab	86.5222, 3.4303, -3.6375

Details

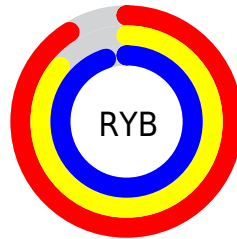
The Yxy color **74.8609, 0.3081, 0.3073** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84.5693, 0.3170, 0.3509**, and the grayscale version is **76.2088, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.7602, 0.3067, 0.3022** is the 20% darker color. If you saturate the color by 10%, you get **61.5962, 0.3019, 0.2807**, and if you desaturate by 10%, it is **90.0368, 0.3134, 0.3321**.

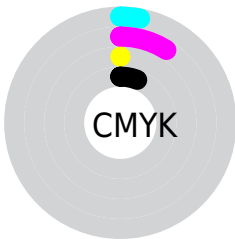
Distribution



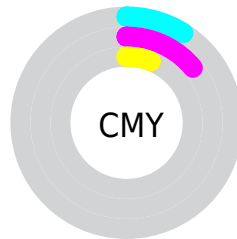
- Red (91%)
- Green (86%)
- Blue (95%)



- Red (91%)
- Yellow (86%)
- Blue (95%)



- Cyan (3%)
- Magenta (9%)
- Yellow (0%)
- Black (6%)





- Cyan (9%)
- Magenta (14%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.8609, 0.3081, 0.3073 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 74.8609, 0.3081, 0.3073 by changing the saturation by 10% instead.


 74.8609, 0.3081,
0.3073

 74.8609, 0.3081,
0.3073


477.4393, 0.3103,
0.3172

 55.4989, 0.3076,
0.3051


126.1154, 0.3089,
0.3107

 39.8013, 0.3070,
0.3024


158.7768, 0.3092,
0.3120

 27.3837, 0.3061,
0.2990

196.6401, 0.3094,
0.3132

 17.8616, 0.3051,
0.2946

240.0897, 0.3096,
0.3142

 10.8507, 0.3036,
0.2888

289.5101, 0.3098,
0.3150

 5.9665, 0.3014,
0.2805

345.2855, 0.3100,

 2.8247, 0.2978,

0.3158

0.2680

407.8005, 0.3102,
0.3165

■ 1.0409, 0.2913,
0.2469

■ 0.0000, 0.1972,
0.0000

■ 74.8609, 0.3081,
0.3073

■ 74.8609, 0.3081,
0.3073

■ 61.5962, 0.3019,
0.2807

■ 90.0368, 0.3134,
0.3321

■ 50.1542, 0.2946,
0.2528

■ 98.4588, 0.3186,
0.3426

■ 40.4537, 0.2863,
0.2243

■ 99.1294, 0.3209,
0.3425

■ 32.4033, 0.2771,
0.1961

■ 25.9033, 0.2671,
0.1696

■ 20.8426, 0.2567,
0.1460

■ 17.0951, 0.2462,
0.1265

■ 14.5116, 0.2361,
0.1121

■ 12.8746, 0.2266,
0.1026

Harmonies

Analogous

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



74.8609, 0.2953, 0.3051



74.8609, 0.3081, 0.3073



74.8609, 0.3225, 0.3150

Triad

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



74.8609, 0.3081, 0.3073



74.8609, 0.3388, 0.3486



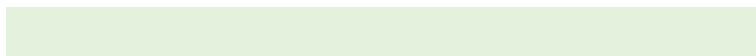
74.8609, 0.2914, 0.3313

Complementary

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



74.8609, 0.3081, 0.3073



84.5693, 0.3170, 0.3509

Split Complementary

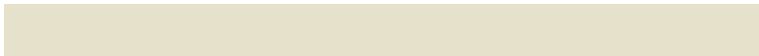
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.8609, 0.3027, 0.3437



74.8609, 0.3081, 0.3073



74.8609, 0.3301, 0.3537

Square

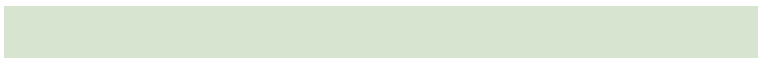
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.8609, 0.3081, 0.3073



74.8609, 0.3404, 0.3385



74.8609, 0.3168, 0.3520



74.8609, 0.2858, 0.3185

Rectangle

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



74.8609, 0.3081, 0.3073



74.8609, 0.3309, 0.3223



74.8609, 0.3168, 0.3520



74.8609, 0.2947, 0.3356

Sweetspot

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



74.8641, 0.3081, 0.3073



94.6633, 0.3112, 0.3217



77.2807, 0.2992, 0.3157



19.9638, 0.3108, 0.3197



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.



74.8641, 0.3081, 0.3073



82.9868, 0.3073, 0.3038



76.1229, 0.3151, 0.3098



15.7110, 0.3076, 0.3053



6.9643, 0.2268, 0.1023



0.6364, 0.2391, 0.1091

Inverse Universe

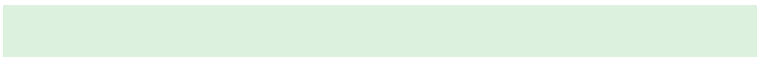
The Inverse Universe completely reimagines the original color for something new.



75.5031, 0.3223, 0.3207



83.8246, 0.3240, 0.3194



83.3963, 0.3104, 0.3490



15.8592, 0.3233, 0.3200



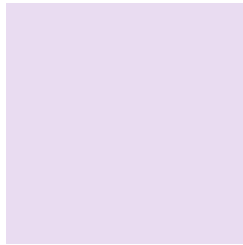
10.5890, 0.5443, 0.2772



0.8998, 0.5088, 0.2577

Previews

White Background



This preview shows how the Yxy color 74.8609, 0.3081, 0.3073 looks on a white background.

Color Contrast Check

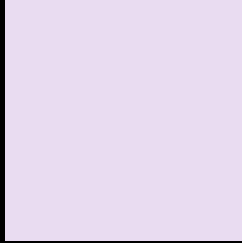
Large Text (above 18pt) WCAG AA × Fail

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 74.8609, 0.3081, 0.3073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

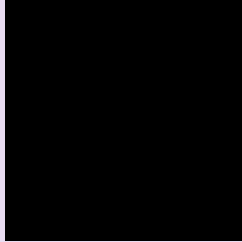
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

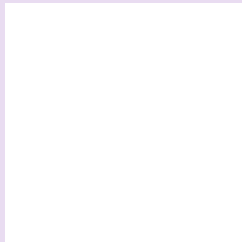
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.8609, 0.3081, 0.3073

Background



This preview shows how black text looks on a background with the Yxy color 74.8609, 0.3081, 0.3073.



This preview shows how white text looks on a background with the Yxy color 74.8609, 0.3081, 0.3073.

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

74.8609, 0.3081, 0.3073

Protanopia

74.9344, 0.3000, 0.3079

Deuteranopia

74.8444, 0.3124, 0.3055



Tritanopia

75.0418, 0.3093, 0.3113

Trichromacy



Original Color

74.8609, 0.3081, 0.3073

Protanomaly

74.9843, 0.3033, 0.3081

Deuteranomaly

75.0184, 0.3110, 0.3064

Tritanomaly

75.1007, 0.3087, 0.3103

Monochromacy



Original Color

74.8609, 0.3081, 0.3073

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.7388, 0.3117, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8609, 0.3081, 0.3073 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(233, 220, 241)` looks like.

```
.text, #text, p{  
    color:rgb(233, 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(233, 220, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 220, 241) }
```

Border

The CSS property to change the border of an element to Yxy 74.8609, 0.3081, 0.3073 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(233, 220, 241) }
```

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

```
.border{ border-color:rgb(233, 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(233, 220, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 220, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 220, 241);  
box-shadow:4px 4px 4px 4px rgb(233, 220,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 74.8609, 0.3081, 0.3073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 220, 241) }
```

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

```
.background{ background-color: rgb(233,  
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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