

Converting Colors

Yxy(72.9888, 0.3038, 0.3109)

Have a look what the booklet for
Yxy(72.9888, 0.3038, 0.3109)
contains.

Yxy(72.9888, 0.3038, 0.3109)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.9888, 0.3038, 0.3109)

Conversions

Conversions Part 1

Format	Color
Hex	DFDCED
RGB	223, 220, 237
RGB Percent	87%, 86%, 93%
CMY	0.1253, 0.1373, 0.0706
CMYK	0.06, 0.07, 0.00, 0.07
HSL	251°, 32%, 90%
HSV	251°, 7%, 93%
XYZ	71.3220, 72.9888, 90.4554
YIQ	222.8350, -3.6690, 5.9230

Conversions

Conversions Part 2

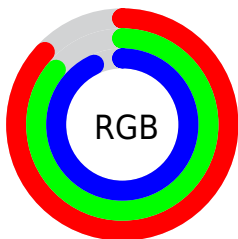
Format	Color
R _Y B	223, 220, 237
Decimal	14671085
CIE Lab	88.44, 4.18, -7.94
CIE LCh	88, 8.971, 297.739
Yxy	72.9888, 0.3038, 0.3109
Android (android.graphics.Color)	4292861165 (0xFFDFDCED)
YUV	222.8350, 6.9833, 0.1447
Hunter-Lab	85.4335, -0.4924, -2.9717

Details

The Yxy color $72.9888, 0.3038, 0.3109$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $83.2244, 0.3213, 0.3467$, and the grayscale version is $73.6265, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.5713, 0.3019, 0.3069$ is the 20% darker color. If you saturate the color by 10%, you get $58.5071, 0.2898, 0.2831$, and if you desaturate by 10%, it is $89.5950, 0.3160, 0.3357$.

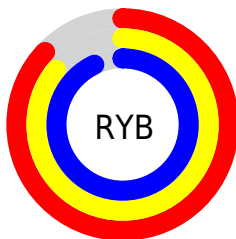
Distribution



Red (87%)

Green (86%)

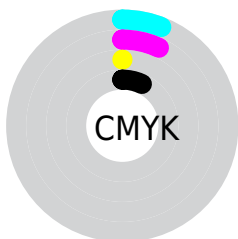
Blue (93%)



Red (87%)

Yellow (86%)

Blue (93%)

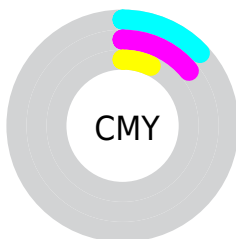


Cyan (6%)

Magenta (7%)

Yellow (0%)

Black (7%)



Cyan (13%)

Magenta (14%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.9888, 0.3038, 0.3109 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 72.9888, 0.3038, 0.3109 by changing the saturation by 10% instead.

■ 72.9888, 0.3038,
0.3109

■ 72.9888, 0.3038,
0.3109

470.9760, 0.3080,
0.3192

■ 53.9668, 0.3028,
0.3090

123.4613, 0.3052,
0.3138

■ 38.5751, 0.3017,
0.3067

155.6806, 0.3058,
0.3149

■ 26.4294, 0.3002,
0.3038

193.0678, 0.3063,
0.3159

■ 17.1451, 0.2982,
0.3000

236.0073, 0.3067,
0.3167

■ 10.3380, 0.2955,
0.2949

284.8835, 0.3071,
0.3174

■ 5.6236, 0.2916,
0.2876

340.0807, 0.3074,

■ 2.6176, 0.2854,

0.3181

0.2763

401.9834, 0.3077,
0.3187

■ 0.9355, 0.2742,
0.2567

■ 0.0000, 0.0000,
0.0000

■ 72.9888, 0.3038,
0.3109

■ 72.9888, 0.3038,
0.3109

■ 58.5071, 0.2898,
0.2831

■ 89.5950, 0.3160,
0.3357

■ 46.0548, 0.2739,
0.2525

■ 98.8949, 0.3232,
0.3464

■ 35.5434, 0.2563,
0.2196

■ 26.8742, 0.2374,
0.1857

■ 19.9397, 0.2181,
0.1522

■ 14.6211, 0.1994,
0.1215

■ 10.7846, 0.1826,
0.0959

■ 8.2740, 0.1690,
0.0772

■ 6.8897, 0.1594,
0.0662

Harmonies

Analogous

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



72.9888, 0.2956, 0.3117



72.9888, 0.3038, 0.3109



72.9888, 0.3145, 0.3147

Triad

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



72.9888, 0.3038, 0.3109



72.9888, 0.3339, 0.3404



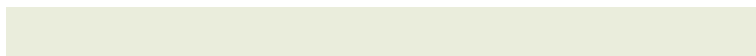
72.9888, 0.3006, 0.3359

Complementary

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



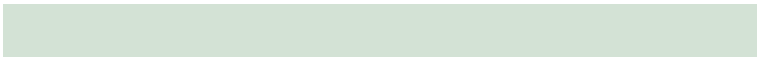
72.9888, 0.3038, 0.3109



83.2244, 0.3213, 0.3467

Split Complementary

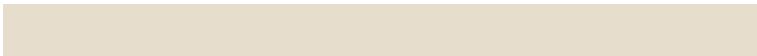
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.9888, 0.3107, 0.3439



72.9888, 0.3038, 0.3109



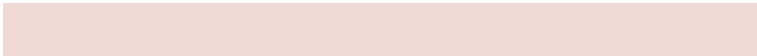
72.9888, 0.3300, 0.3464

Square

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



72.9888, 0.3038, 0.3109



72.9888, 0.3321, 0.3315



72.9888, 0.3214, 0.3478



72.9888, 0.2938, 0.3260

Rectangle

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



72.9888, 0.3038, 0.3109



72.9888, 0.3217, 0.3194



72.9888, 0.3214, 0.3478



72.9888, 0.3037, 0.3389

Sweetspot

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



72.9919, 0.3038, 0.3109



96.0042, 0.3103, 0.3241



80.2729, 0.3016, 0.3260



20.5907, 0.3104, 0.3243



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.



72.9919, 0.3038, 0.3109



82.8238, 0.3013, 0.3060



74.3413, 0.3096, 0.3112



14.6790, 0.3008, 0.3048



3.6537, 0.1583, 0.0646



0.3242, 0.1702, 0.0712

Inverse Universe

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



75.1252, 0.3156, 0.3146



85.9587, 0.3163, 0.3108



81.8545, 0.3157, 0.3470



15.2646, 0.3165, 0.3099



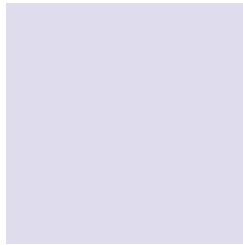
11.9847, 0.3722, 0.1824



0.9532, 0.3638, 0.1778

Previews

White Background



This preview shows how the Yxy color 72.9888, 0.3038, 0.3109 looks on a white background.

Color Contrast Check

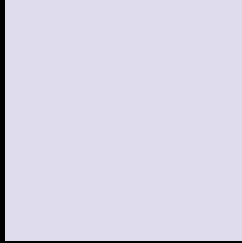
Large Text (above 18pt) WCAG AA × Fail

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 72.9888, 0.3038, 0.3109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

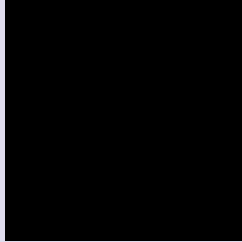
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

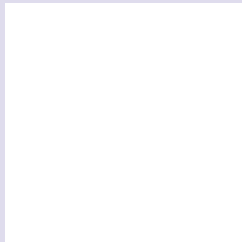
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.9888, 0.3038, 0.3109

Background



This preview shows how black text looks on a background with the Yxy color 72.9888, 0.3038, 0.3109.

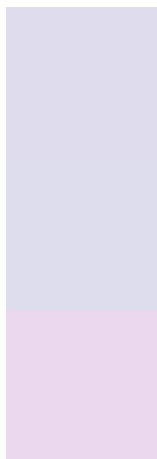


This preview shows how white text looks on a background with the Yxy color 72.9888, 0.3038, 0.3109.

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

72.9888, 0.3038, 0.3109

Protanopia

73.1995, 0.3024, 0.3119

Deuteranopia

73.1176, 0.3124, 0.3062



Tritanopia

72.9888, 0.3038, 0.3109

Trichromacy



Original Color

72.9888, 0.3038, 0.3109

Protanomaly

73.3569, 0.3031, 0.3120

Deuteranomaly

72.7877, 0.3088, 0.3070

Tritanomaly

72.9888, 0.3038, 0.3109

Monochromacy



Original Color

72.9888, 0.3038, 0.3109

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.5320, 0.3095, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.9888, 0.3038, 0.3109 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(223, 220, 237)` looks like.

```
.text, #text, p{  
    color:rgb(223, 220, 237)  
}
```

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(223, 220, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 220, 237) }
```

Border

The CSS property to change the border of an element to Yxy 72.9888, 0.3038, 0.3109 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(223, 220, 237) }
```

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

```
.border{ border-color:rgb(223, 220, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 220, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 220, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 220, 237);  
box-shadow:4px 4px 4px 4px rgb(223, 220,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 72.9888, 0.3038, 0.3109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 220, 237) }
```

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

```
.background{ background-color: rgb(223,  
220, 237) }
```

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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