

Converting Colors

Yxy(69.5385, 0.3005, 0.3022)

Have a look what the booklet for
Yxy(69.5385, 0.3005, 0.3022)
contains.

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Color

Yxy(69.5408, 0.3005, 0.3022)

Conversions

Conversions Part 1

Format	Color
Hex	DCD6EF
RGB	220, 214, 239
RGB Percent	86%, 84%, 94%
CMY	0.1371, 0.1608, 0.0628
CMYK	0.08, 0.10, 0.00, 0.06
HSL	255°, 44%, 89%
HSV	255°, 10%, 94%
XYZ	69.1496, 69.5408, 91.4248
YIQ	218.6440, -4.4490, 9.0470

Conversions

Conversions Part 2

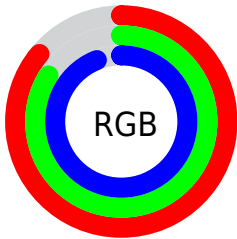
Format	Color
R _Y B	220, 214, 239
Decimal	14472943
CIE Lab	86.77, 6.72, -11.49
CIE LCh	87, 13.311, 300.314
Yxy	69.5408, 0.3005, 0.3022
Android (android.graphics.Color)	4292663023 (0xFFDCD6EF)
YUV	218.6440, 10.0355, 1.1892
Hunter-Lab	83.3911, 2.0813, -6.6280

Details

The Yxy color **69.5408, 0.3005, 0.3022** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83.8891, 0.3242, 0.3551**, and the grayscale version is **70.5157, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.2145, 0.2975, 0.2955** is the 20% darker color. If you saturate the color by 10%, you get **55.6470, 0.2870, 0.2737**, and if you desaturate by 10%, it is **85.5211, 0.3122, 0.3279**.

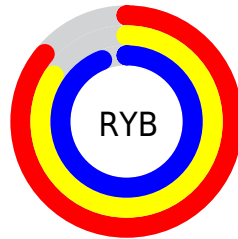
Distribution



Red (86%)

Green (84%)

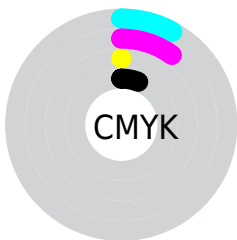
Blue (94%)



Red (86%)

Yellow (84%)

Blue (94%)

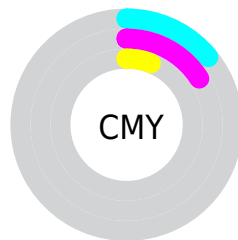


Cyan (8%)

Magenta (10%)

Yellow (0%)

Black (6%)



Cyan (14%)

Magenta (16%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.5408, 0.3005, 0.3022 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 69.5408, 0.3005, 0.3022 by changing the saturation by 10% instead.

69.5408, 0.3005,
0.3022

69.5408, 0.3005,
0.3022

458.9360, 0.3063,
0.3145

51.1523, 0.2992,
0.2994

118.5537, 0.3025,
0.3065

36.3298, 0.2975,
0.2960

149.9468, 0.3033,
0.3081

24.6890, 0.2954,
0.2916

186.4436, 0.3040,
0.3096

15.8455, 0.2926,
0.2860

228.4284, 0.3045,
0.3108

9.4149, 0.2887,
0.2783

276.2857, 0.3050,
0.3119

5.0128, 0.2830,
0.2674

330.3997, 0.3055,

2.2548, 0.2738,

0.3129

0.2506

391.1551, 0.3059,
0.3137

0.7496, 0.2575,
0.2201

0.0000, 0.0000,
0.0000

69.5408, 0.3005,
0.3022

69.5408, 0.3005,
0.3022

55.6470, 0.2870,
0.2737

85.5211, 0.3122,
0.3279

43.7443, 0.2717,
0.2427

99.0110, 0.3220,
0.3444

33.7427, 0.2549,
0.2100

25.5420, 0.2369,
0.1767

■ 19.0325, 0.2185,
0.1446

■ 14.0922, 0.2008,
0.1159

■ 10.5825, 0.1848,
0.0926

■ 8.3390, 0.1718,
0.0762

■ 7.1272, 0.1625,
0.0669

Harmonies

Analogous

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



69.5408, 0.2878, 0.3027



69.5408, 0.3005, 0.3022



69.5408, 0.3168, 0.3085

Triad

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



69.5408, 0.3005, 0.3022



69.5408, 0.3446, 0.3469



69.5408, 0.2933, 0.3381

Complementary

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



69.5408, 0.3005, 0.3022



83.8891, 0.3242, 0.3551

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.



69.5408, 0.3081, 0.3509



69.5408, 0.3005, 0.3022



69.5408, 0.3379, 0.3557

Square

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



69.5408, 0.3005, 0.3022



69.5408, 0.3426, 0.3338



69.5408, 0.3244, 0.3574



69.5408, 0.2837, 0.3230

Rectangle

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



69.5408, 0.3005, 0.3022



69.5408, 0.3275, 0.3156



69.5408, 0.3244, 0.3574



69.5408, 0.2978, 0.3429

Sweetspot

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



69.5437, 0.3005, 0.3022



94.1329, 0.3094, 0.3216



78.8898, 0.2966, 0.3227



19.8209, 0.3085, 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.



69.5437, 0.3005, 0.3022



76.1861, 0.2972, 0.2951



71.5300, 0.3092, 0.3029



15.4136, 0.3017, 0.3048



3.9900, 0.1638, 0.0676



0.3766, 0.1765, 0.0746

Inverse Universe

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



72.3166, 0.3180, 0.3094



80.1364, 0.3195, 0.3044



81.8958, 0.3159, 0.3558



15.9621, 0.3175, 0.3113



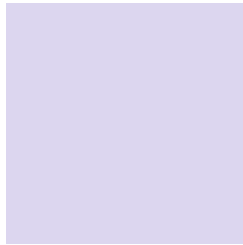
12.0087, 0.3935, 0.1941



1.0145, 0.3819, 0.1877

Previews

White Background



This preview shows how the Yxy color 69.5408, 0.3005, 0.3022 looks on a white background.

Color Contrast Check

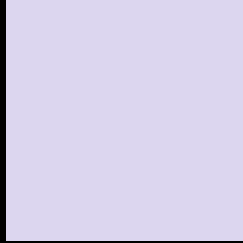
Large Text (above 18pt) WCAG AA × Fail

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 69.5408, 0.3005, 0.3022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

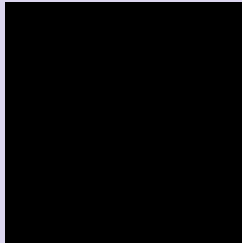
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

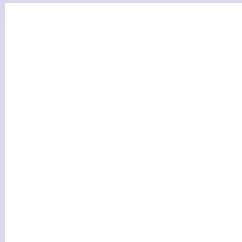
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.5408, 0.3005, 0.3022

Background



This preview shows how black text looks on a background with the Yxy color 69.5408, 0.3005, 0.3022.



This preview shows how white text looks on a background with the Yxy color 69.5408, 0.3005, 0.3022.

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

69.5408, 0.3005, 0.3022

Protanopia

69.6991, 0.2957, 0.3030

Deuteranopia

69.3738, 0.3055, 0.2984



Tritanopia

69.4871, 0.3043, 0.3106

Trichromacy



Original Color

69.5408, 0.3005, 0.3022

Protanomaly

69.4911, 0.2971, 0.3020

Deuteranomaly

69.3858, 0.3033, 0.2993

Tritanomaly

69.6591, 0.3023, 0.3074

Monochromacy



Original Color

69.5408, 0.3005, 0.3022

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.1768, 0.3082, 0.3192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.5408, 0.3005, 0.3022 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(220, 214, 239)` looks like.

```
.text, #text, p{  
    color:rgb(220, 214, 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(220, 214, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 214, 239) }
```

Border

The CSS property to change the border of an element to Yxy 69.5408, 0.3005, 0.3022 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(220, 214, 239) }
```

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

```
.border{ border-color:rgb(220, 214, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 214, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 214, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 214, 239);  
box-shadow:4px 4px 4px 4px rgb(220, 214,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5408, 0.3005, 0.3022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 214, 239) }
```

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

```
.background{ background-color: rgb(220,  
214, 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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