

Converting Colors

$Yxy(70.4918, 0.2997, 0.3074)$

Have a look what the booklet for
Yxy(70.4918, 0.2997, 0.3074)
contains.

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Color

Yxy(70.4918, 0.2997, 0.3074)

Conversions

Conversions Part 1

Format	Color
Hex	D9D9ED
RGB	217, 217, 237
RGB Percent	85%, 85%, 93%
CMY	0.1488, 0.1491, 0.0706
CMYK	0.08, 0.08, 0.00, 0.07
HSL	240°, 36%, 89%
HSV	240°, 8%, 93%
XYZ	68.7261, 70.4918, 90.0983
YIQ	219.2800, -6.4200, 6.2200

Conversions

Conversions Part 2

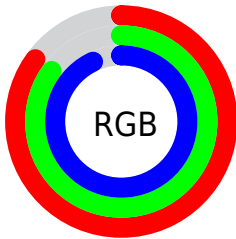
Format	Color
R _Y B	217, 217, 237
Decimal	14277101
CIE Lab	87.24, 3.79, -9.77
CIE LCh	87, 10.478, 291.194
Yxy	70.4918, 0.2997, 0.3074
Android (android.graphics.Color)	4292467181 (0xFFD9D9ED)
YUV	219.2800, 8.7360, -1.9996
Hunter-Lab	83.9594, -0.8154, -4.8536

Details

The Yxy color `70.4918, 0.2997, 0.3074` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `83.5644, 0.3252, 0.3497`, and the grayscale version is `70.9913, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `36.8582, 0.2965, 0.3023` is the 20% darker color. If you saturate the color by 10%, you get `55.7781, 0.2823, 0.2786`, and if you desaturate by 10%, it is `87.4835, 0.3150, 0.3327`.

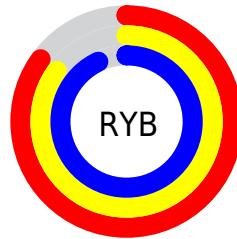
Distribution



Red (85%)

Green (85%)

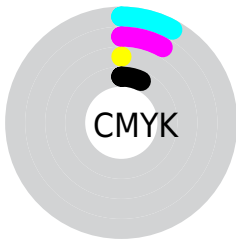
Blue (93%)



Red (85%)

Yellow (85%)

Blue (93%)

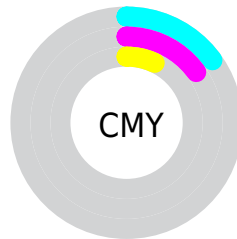


Cyan (8%)

Magenta (8%)

Yellow (0%)

Black (7%)



Cyan (15%)

Magenta (15%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.4918, 0.2997, 0.3074 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 70.4918, 0.2997, 0.3074 by changing the saturation by 10% instead.

■ 70.4918, 0.2997,
0.3074

■ 70.4918, 0.2997,
0.3074

462.2749, 0.3058,
0.3174

■ 51.9276, 0.2983,
0.3051

119.9098, 0.3018,
0.3109

■ 36.9473, 0.2966,
0.3023

151.5324, 0.3026,
0.3122

■ 25.1667, 0.2943,
0.2988

188.2766, 0.3033,
0.3134

■ 16.2013, 0.2914,
0.2942

230.5267, 0.3040,
0.3144

■ 9.6667, 0.2874,
0.2879

278.6672, 0.3045,
0.3152

■ 5.1785, 0.2816,
0.2789

333.0825, 0.3050,

■ 2.3524, 0.2724,

0.3160

0.2650

394.1569, 0.3054,
0.3167

0.8012, 0.2557,
0.2399

0.0000, 0.0000,
0.0000

70.4918, 0.2997,
0.3074

70.4918, 0.2997,
0.3074

55.7781, 0.2823,
0.2786

87.4835, 0.3150,
0.3327

43.2373, 0.2630,
0.2465

98.8940, 0.3232,
0.3464

32.7690, 0.2421,
0.2119

24.2619, 0.2204,
0.1760

■ 17.5938, 0.1993,
0.1412

■ 12.6291, 0.1805,
0.1100

■ 9.2136, 0.1655,
0.0853

■ 7.1650, 0.1555,
0.0689

■ 6.2235, 0.1506,
0.0609

Harmonies

Analogous

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



70.4918, 0.2911, 0.3096



70.4918, 0.2997, 0.3074



70.4918, 0.3120, 0.3108

Triad

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



70.4918, 0.2997, 0.3074



70.4918, 0.3379, 0.3403



70.4918, 0.3007, 0.3395

Complementary

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



70.4918, 0.2997, 0.3074



83.5644, 0.3252, 0.3497

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.



70.4918, 0.3131, 0.3482



70.4918, 0.2997, 0.3074



70.4918, 0.3347, 0.3484

Square

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



70.4918, 0.2997, 0.3074



70.4918, 0.3342, 0.3295



70.4918, 0.3256, 0.3514



70.4918, 0.2916, 0.3280

Rectangle

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



70.4918, 0.2997, 0.3074



70.4918, 0.3206, 0.3157



70.4918, 0.3256, 0.3514



70.4918, 0.3046, 0.3429

Sweetspot

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



70.4948, 0.2997, 0.3074



93.7987, 0.3082, 0.3216



81.4283, 0.2997, 0.3290



19.7311, 0.3070, 0.3195



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.



70.4948, 0.2997, 0.3074



80.2912, 0.2971, 0.3030



72.0632, 0.3066, 0.3079



14.5515, 0.2980, 0.3046



3.3424, 0.1501, 0.0601



0.2634, 0.1504, 0.0602

Inverse Universe

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



73.7329, 0.3137, 0.3084



84.7898, 0.3139, 0.3044



81.9029, 0.3184, 0.3502



15.3128, 0.3139, 0.3059



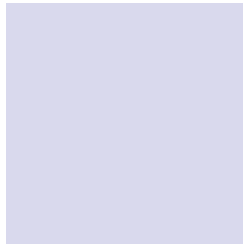
13.1414, 0.3218, 0.1546



1.0322, 0.3217, 0.1546

Previews

White Background



This preview shows how the Yxy color 70.4918, 0.2997, 0.3074 looks on a white background.

Color Contrast Check

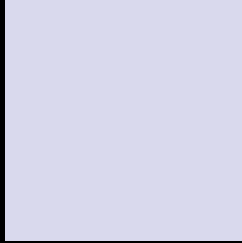
Large Text (above 18pt) WCAG AA × Fail

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 70.4918, 0.2997, 0.3074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

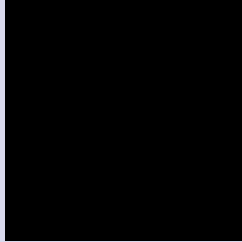
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

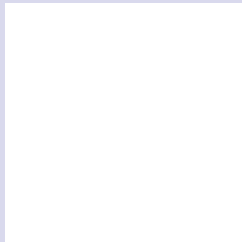
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.4918, 0.2997, 0.3074

Background



This preview shows how black text looks on a background with the Yxy color 70.4918, 0.2997, 0.3074.

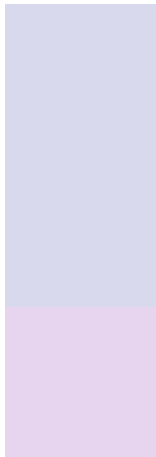


This preview shows how white text looks on a background with the Yxy color 70.4918, 0.2997, 0.3074.

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

70.4918, 0.2997, 0.3074

Protanopia

70.4918, 0.2997, 0.3074

Deuteranopia

70.2489, 0.3089, 0.3017



Tritanopia

70.3756, 0.3009, 0.3095

Trichromacy



Original Color

70.4918, 0.2997, 0.3074

Protanomaly

70.4918, 0.2997, 0.3074

Deuteranomaly

70.4349, 0.3053, 0.3036

Tritanomaly

70.4336, 0.3003, 0.3085

Monochromacy



Original Color

70.4918, 0.2997, 0.3074

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.5392, 0.3074, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.4918, 0.2997, 0.3074 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(217, 217, 237)` looks like.

```
.text, #text, p{  
    color:rgb(217, 217, 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(217, 217, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 217, 237) }
```

Border

The CSS property to change the border of an element to Yxy 70.4918, 0.2997, 0.3074 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(217, 217, 237) }
```

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

```
.border{ border-color:rgb(217, 217, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 217, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 217, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 217, 237);  
box-shadow:4px 4px 4px 4px rgb(217, 217,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 70.4918, 0.2997, 0.3074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 217, 237) }
```

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

```
.background{ background-color: rgb(217,  
217, 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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