

Converting Colors

Yxy(71.4389, 0.3012, 0.2998)

Have a look what the booklet for
Yxy(71.4389, 0.3012, 0.2998)
contains.

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Color

Yxy(71.5903, 0.3014, 0.3005)

Conversions

Conversions Part 1

Format	Color
Hex	E1D8F3
RGB	225, 216, 243
RGB Percent	88%, 85%, 95%
CMY	0.1173, 0.1530, 0.0470
CMYK	0.07, 0.11, 0.00, 0.05
HSL	260°, 53%, 90%
HSV	260°, 11%, 95%
XYZ	71.8047, 71.5903, 94.8423
YIQ	221.7690, -3.3030, 10.3050

Conversions

Conversions Part 2

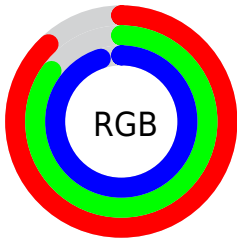
Format	Color
R _Y B	225, 216, 243
Decimal	14801139
CIE Lab	87.77, 8.09, -12.09
CIE LCh	88, 14.547, 303.797
Yxy	71.5903, 0.3014, 0.3005
Android (android.graphics.Color)	4292991219 (0xFFE1D8F3)
YUV	221.7690, 10.4669, 2.8336
Hunter-Lab	84.6111, 3.4137, -7.2316

Details

The Yxy color **71.5903, 0.3014, 0.3005** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.5487, 0.3232, 0.3570**, and the grayscale version is **72.8110, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.6236, 0.2988, 0.2935** is the 20% darker color. If you saturate the color by 10%, you get **57.5784, 0.2895, 0.2722**, and if you desaturate by 10%, it is **87.6944, 0.3117, 0.3263**.

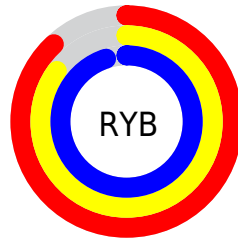
Distribution



Red (88%)

Green (85%)

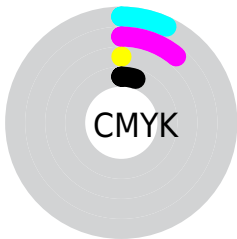
Blue (95%)



Red (88%)

Yellow (85%)

Blue (95%)

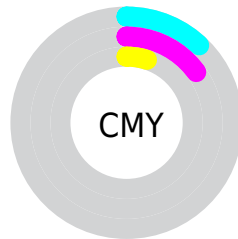


Cyan (7%)

Magenta (11%)

Yellow (0%)

Black (5%)



Cyan (12%)

Magenta (15%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.5903, 0.3014, 0.3005 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 71.5903, 0.3014, 0.3005 by changing the saturation by 10% instead.

71.5903, 0.3014,
0.3005

71.5903, 0.3014,
0.3005

466.1143, 0.3067,
0.3135

52.8241, 0.3002,
0.2976

121.4739, 0.3033,
0.3050

37.6623, 0.2986,
0.2940

153.3600, 0.3040,
0.3067

25.7207, 0.2967,
0.2895

190.3882, 0.3046,
0.3082

16.6148, 0.2941,
0.2836

232.9429, 0.3051,
0.3096

9.9603, 0.2905,
0.2758

281.4084, 0.3056,
0.3107

5.3726, 0.2853,
0.2647

336.1693, 0.3060,

2.4675, 0.2770,

0.3118

0.2478

397.6098, 0.3064,
0.3127

0.8603, 0.2619,
0.2193

0.0000, 0.0000,
0.0000

71.5903, 0.3014,
0.3005

71.5903, 0.3014,
0.3005

57.5784, 0.2895,
0.2722

87.6944, 0.3117,
0.3263

45.5624, 0.2760,
0.2418

99.2523, 0.3197,
0.3405

35.4517, 0.2610,
0.2099

27.1451, 0.2449,
0.1779

■ 20.5319, 0.2281,
0.1473

■ 15.4886, 0.2116,
0.1199

■ 11.8742, 0.1963,
0.0977

■ 9.5209, 0.1830,
0.0818

■ 8.2561, 0.1734,
0.0729

Harmonies

Analogous

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



71.5903, 0.2871, 0.3001



71.5903, 0.3014, 0.3005



71.5903, 0.3192, 0.3080

Triad

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



71.5903, 0.3014, 0.3005



71.5903, 0.3469, 0.3497



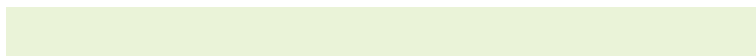
71.5903, 0.2901, 0.3370

Complementary

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



71.5903, 0.3014, 0.3005



86.5487, 0.3232, 0.3570

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.



71.5903, 0.3056, 0.3514



71.5903, 0.3014, 0.3005



71.5903, 0.3386, 0.3585

Square

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



71.5903, 0.3014, 0.3005



71.5903, 0.3458, 0.3359



71.5903, 0.3234, 0.3594



71.5903, 0.2807, 0.3206

Rectangle

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



71.5903, 0.3014, 0.3005



71.5903, 0.3305, 0.3161



71.5903, 0.3234, 0.3594



71.5903, 0.2948, 0.3423

Sweetspot

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



71.5933, 0.3014, 0.3005



94.2658, 0.3098, 0.3216



79.9171, 0.2955, 0.3194



19.8566, 0.3091, 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.



71.5933, 0.3014, 0.3005



76.7074, 0.2993, 0.2953



73.8392, 0.3108, 0.3013



16.1976, 0.3032, 0.3049



4.5965, 0.1749, 0.0737



0.4581, 0.1884, 0.0812

Inverse Universe

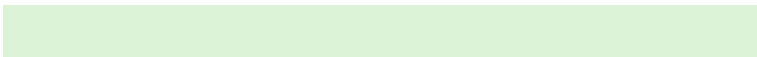
The Inverse Universe completely reimagines the original color for something new.



74.0951, 0.3201, 0.3107



79.9451, 0.3216, 0.3074



84.3613, 0.3143, 0.3578



16.6680, 0.3190, 0.3134



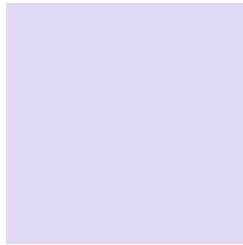
11.9008, 0.4287, 0.2135



1.0651, 0.4117, 0.2041

Previews

White Background



This preview shows how the Yxy color 71.5903, 0.3014, 0.3005 looks on a white background.

Color Contrast Check

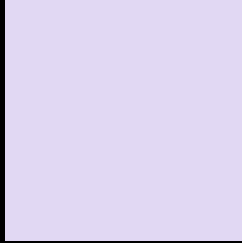
Large Text (above 18pt) WCAG AA × Fail

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 71.5903, 0.3014, 0.3005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

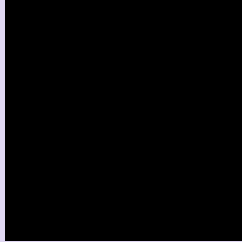
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

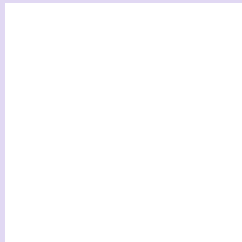
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.5903, 0.3014, 0.3005

Background



This preview shows how black text looks on a background with the Yxy color 71.5903, 0.3014, 0.3005.

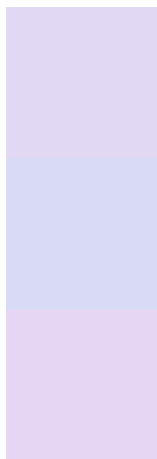


This preview shows how white text looks on a background with the Yxy color 71.5903, 0.3014, 0.3005.

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

71.5903, 0.3014, 0.3005

Protanopia

71.4871, 0.2946, 0.3002

Deuteranopia

71.5531, 0.3056, 0.2988



Tritanopia

71.4712, 0.3058, 0.3098

Trichromacy



Original Color

71.5903, 0.3014, 0.3005

Protanomaly

71.3730, 0.2973, 0.3003

Deuteranomaly

71.7300, 0.3042, 0.2997

Tritanomaly

71.6460, 0.3039, 0.3067

Monochromacy



Original Color

71.5903, 0.3014, 0.3005

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.5875, 0.3083, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.5903, 0.3014, 0.3005 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(225, 216, 243)` looks like.

```
.text, #text, p{  
    color:rgb(225, 216, 243)  
}
```

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(225, 216, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 216, 243) }
```

Border

The CSS property to change the border of an element to Yxy 71.5903, 0.3014, 0.3005 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(225, 216, 243) }
```

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

```
.border{ border-color:rgb(225, 216, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 216, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 216, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 216, 243);  
box-shadow:4px 4px 4px 4px rgb(225, 216,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 71.5903, 0.3014, 0.3005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 216, 243) }
```

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

```
.background{ background-color: rgb(225,  
216, 243) }
```

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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