

Converting Colors

$Yxy(70.4403, 0.3032, 0.3022)$

Have a look what the booklet for
Yxy(70.4403, 0.3032, 0.3022)
contains.

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Color

Yxy(70.2317, 0.3026, 0.3014)

Conversions

Conversions Part 1

Format	Color
Hex	E0D6F0
RGB	224, 214, 240
RGB Percent	88%, 84%, 94%
CMY	0.1216, 0.1607, 0.0588
CMYK	0.07, 0.11, 0.00, 0.06
HSL	263°, 46%, 89%
HSV	263°, 11%, 94%
XYZ	70.5113, 70.2317, 92.2752
YIQ	219.9540, -2.3860, 10.2060

Conversions

Conversions Part 2

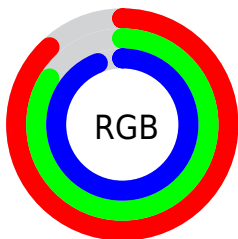
Format	Color
R _Y B	224, 214, 240
Decimal	14735088
CIE Lab	87.11, 8.19, -11.49
CIE LCh	87, 14.109, 305.479
Yxy	70.2317, 0.3026, 0.3014
Android (android.graphics.Color)	4292925168 (0xFFE0D6F0)
YUV	219.9540, 9.8827, 3.5483
Hunter-Lab	83.8044, 3.5287, -6.6199

Details

The Yxy color **70.2317, 0.3026, 0.3014** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.0012, 0.3221, 0.3563**, and the grayscale version is **71.4680, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.6920, 0.3003, 0.2946** is the 20% darker color. If you saturate the color by 10%, you get **56.7071, 0.2917, 0.2734**, and if you desaturate by 10%, it is **85.7574, 0.3120, 0.3270**.

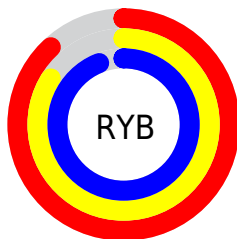
Distribution



Red (88%)

Green (84%)

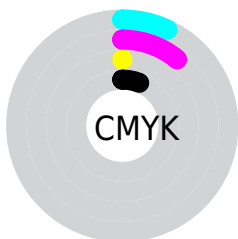
Blue (94%)



Red (88%)

Yellow (84%)

Blue (94%)

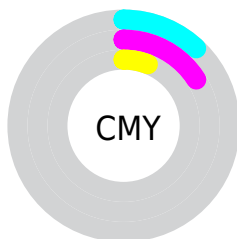


Cyan (7%)

Magenta (11%)

Yellow (0%)

Black (6%)



Cyan (12%)


Magenta (16%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.2317, 0.3026, 0.3014 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 70.2317, 0.3026, 0.3014 by changing the saturation by 10% instead.

 70.2317, 0.3026,
0.3014

 70.2317, 0.3026,
0.3014


461.3631, 0.3074,
0.3140

 51.7155, 0.3015,
0.2985


119.5391, 0.3043,
0.3058

 36.7783, 0.3001,
0.2950


151.0991, 0.3049,
0.3075

 25.0359, 0.2983,
0.2906


187.7757, 0.3055,
0.3089

 16.1038, 0.2960,
0.2849

229.9534, 0.3060,
0.3102

 9.5976, 0.2927,
0.2771

278.0167, 0.3064,
0.3113

 5.1330, 0.2879,
0.2661

332.3497, 0.3068,

 2.3255, 0.2801,

0.3123

0.2493

393.3371, 0.3071,
0.3132

0.7872, 0.2660,
0.2198

0.0000, 0.0000,
0.0000

70.2317, 0.3026,
0.3014

70.2317, 0.3026,
0.3014

56.7071, 0.2917,
0.2734

85.7574, 0.3120,
0.3270

45.0916, 0.2792,
0.2434

98.7990, 0.3205,
0.3435

35.2990, 0.2653,
0.2122

99.0712, 0.3214,
0.3434

27.2328, 0.2502,
0.1808

■ 20.7877, 0.2344,
0.1508

■ 15.8460, 0.2187,
0.1240

■ 12.2736, 0.2038,
0.1020

■ 9.9109, 0.1906,
0.0862

■ 8.5733, 0.1803,
0.0767

Harmonies

Analogous

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



70.2317, 0.2883, 0.3006



70.2317, 0.3026, 0.3014



70.2317, 0.3200, 0.3091

Triad

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



70.2317, 0.3026, 0.3014



70.2317, 0.3459, 0.3499



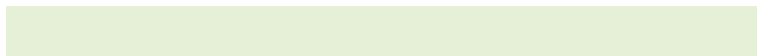
70.2317, 0.2900, 0.3359

Complementary

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



70.2317, 0.3026, 0.3014



84.0012, 0.3221, 0.3563

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.



70.2317, 0.3049, 0.3502



70.2317, 0.3026, 0.3014



70.2317, 0.3373, 0.3581

Square

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



70.2317, 0.3026, 0.3014



70.2317, 0.3453, 0.3366



70.2317, 0.3222, 0.3584



70.2317, 0.2812, 0.3200

Rectangle

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



70.2317, 0.3026, 0.3014



70.2317, 0.3310, 0.3172



70.2317, 0.3222, 0.3584



70.2317, 0.2944, 0.3411

Sweetspot

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



70.2347, 0.3026, 0.3014



94.3328, 0.3101, 0.3216



77.2026, 0.2959, 0.3183



19.8747, 0.3093, 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.



70.2347, 0.3026, 0.3014



76.9730, 0.3003, 0.2954



72.3882, 0.3118, 0.3022



15.5245, 0.3040, 0.3050



4.7640, 0.1820, 0.0776



0.4519, 0.1966, 0.0856

Inverse Universe

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



72.3377, 0.3208, 0.3124



79.8502, 0.3226, 0.3089



81.9328, 0.3134, 0.3570



15.9226, 0.3197, 0.3146



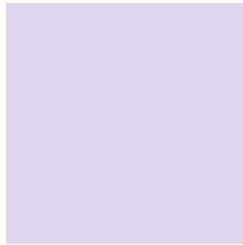
11.3359, 0.4474, 0.2238



0.9624, 0.4262, 0.2122

Previews

White Background



This preview shows how the Yxy color 70.2317, 0.3026, 0.3014 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 70.2317, 0.3026, 0.3014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

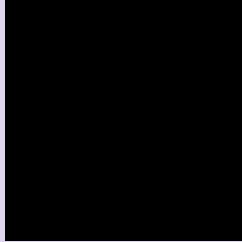
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

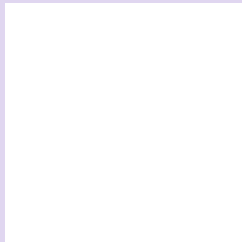
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.2317, 0.3026, 0.3014

Background



This preview shows how black text looks on a background with the Yxy color 70.2317, 0.3026, 0.3014.



This preview shows how white text looks on a background with the Yxy color 70.2317, 0.3026, 0.3014.

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

70.2317, 0.3026, 0.3014

Protanopia

70.4836, 0.2951, 0.3021

Deuteranopia

70.0363, 0.3062, 0.2996



Tritanopia

70.1150, 0.3071, 0.3107

Trichromacy



Original Color

70.2317, 0.3026, 0.3014

Protanomaly

70.3680, 0.2978, 0.3022

Deuteranomaly

70.2107, 0.3047, 0.3005

Tritanomaly

70.2870, 0.3051, 0.3076

Monochromacy



Original Color

70.2317, 0.3026, 0.3014

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.0610, 0.3089, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.2317, 0.3026, 0.3014 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(224, 214, 240)` looks like.

```
.text, #text, p{  
    color:rgb(224, 214, 240)  
}
```

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(224, 214, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 214, 240) }
```

Border

The CSS property to change the border of an element to Yxy 70.2317, 0.3026, 0.3014 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(224, 214, 240) }
```

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

```
.border{ border-color:rgb(224, 214, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 214, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 214, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 214, 240);  
box-shadow:4px 4px 4px 4px rgb(224, 214,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 70.2317, 0.3026, 0.3014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 214, 240) }
```

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

```
.background{ background-color: rgb(224,  
214, 240) }
```

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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