

Converting Colors

$Yxy(73.1425, 0.3038, 0.3066)$

Have a look what the booklet for
Yxy(73.1425, 0.3038, 0.3066)
contains.

Yxy(73.1231, 0.3039, 0.3069)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.1231, 0.3039, 0.3069)

Conversions

Conversions Part 1

Format	Color
Hex	E2DBF0
RGB	226, 219, 240
RGB Percent	89%, 86%, 94%
CMY	0.1140, 0.1411, 0.0588
CMYK	0.06, 0.09, 0.00, 0.06
HSL	260°, 41%, 90%
HSV	260°, 9%, 94%
XYZ	72.4083, 73.1231, 92.7322
YIQ	223.4870, -2.5690, 8.0150

Conversions

Conversions Part 2

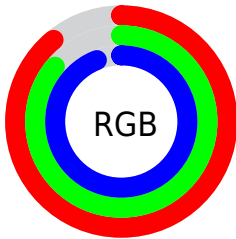
Format	Color
R _{YB}	226, 219, 240
Decimal	14867440
CIE Lab	88.51, 6.19, -9.39
CIE LCh	89, 11.253, 303.402
Yxy	73.1231, 0.3039, 0.3069
Android (android.graphics.Color)	4293057520 (0xFFE2DBF0)
YUV	223.4870, 8.1409, 2.2039
Hunter-Lab	85.5120, 1.5008, -4.4377

Details

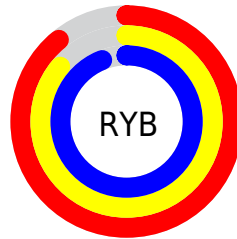
The Yxy color **73.1231, 0.3039, 0.3069** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84.7719, 0.3210, 0.3508**, and the grayscale version is **74.0949, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.6695, 0.3021, 0.3017** is the 20% darker color. If you saturate the color by 10%, you get **59.0124, 0.2923, 0.2792**, and if you desaturate by 10%, it is **89.2894, 0.3139, 0.3320**.

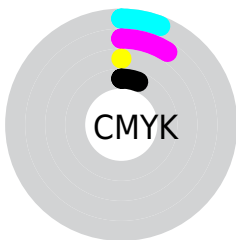
Distribution



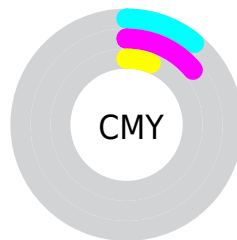
- Red (89%)
- Green (86%)
- Blue (94%)



- Red (89%)
- Yellow (86%)
- Blue (94%)



- Cyan (6%)
- Magenta (9%)
- Yellow (0%)
- Black (6%)



- Cyan (11%)
- Magenta (14%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.1231, 0.3039, 0.3069 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 73.1231, 0.3039, 0.3069 by changing the saturation by 10% instead.

73.1231, 0.3039,
0.3069

73.1231, 0.3039,
0.3069

471.4413, 0.3080,
0.3170

54.0766, 0.3029,
0.3046

123.6520, 0.3053,
0.3104

38.6629, 0.3018,
0.3018

155.9031, 0.3059,
0.3117

26.4976, 0.3003,
0.2983

193.3246, 0.3064,
0.3129

17.1963, 0.2983,
0.2938

236.3009, 0.3068,
0.3139

10.3745, 0.2956,
0.2876

285.2163, 0.3072,
0.3148

5.6480, 0.2916,
0.2789

340.4553, 0.3075,

2.6322, 0.2854,

0.3156

0.2656

402.4021, 0.3078,
0.3164

■ 0.9429, 0.2740,
0.2429

■ 0.0000, 0.0000,
0.0000

■ 73.1231, 0.3039,
0.3069

■ 73.1231, 0.3039,
0.3069

■ 59.0124, 0.2923,
0.2792

■ 89.2894, 0.3139,
0.3320

■ 46.8644, 0.2791,
0.2492

■ 99.0711, 0.3214,
0.3434

■ 36.5929, 0.2643,
0.2176

■ 28.1013, 0.2482,
0.1854

■ 21.2845, 0.2314,
0.1541

■ 16.0258, 0.2146,
0.1257

■ 12.1928, 0.1989,
0.1020

■ 9.6300, 0.1850,
0.0846

■ 8.1122, 0.1738,
0.0736

Harmonies

Analogous

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



73.1231, 0.2928, 0.3067



73.1231, 0.3039, 0.3069



73.1231, 0.3175, 0.3127

Triad

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



73.1231, 0.3039, 0.3069



73.1231, 0.3390, 0.3449



73.1231, 0.2955, 0.3353

Complementary

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



73.1231, 0.3039, 0.3069



84.7719, 0.3210, 0.3508

Split Complementary

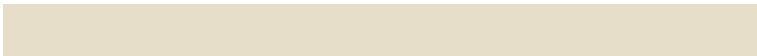
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.1231, 0.3075, 0.3462



73.1231, 0.3039, 0.3069



73.1231, 0.3327, 0.3516

Square

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



73.1231, 0.3039, 0.3069



73.1231, 0.3380, 0.3343



73.1231, 0.3212, 0.3522



73.1231, 0.2881, 0.3229

Rectangle

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



73.1231, 0.3039, 0.3069



73.1231, 0.3263, 0.3189



73.1231, 0.3212, 0.3522



73.1231, 0.2991, 0.3393

Sweetspot

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



73.1262, 0.3039, 0.3069



94.2561, 0.3098, 0.3216



79.8346, 0.2992, 0.3220



19.8540, 0.3090, 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.



73.1262, 0.3039, 0.3069



81.6964, 0.3025, 0.3035



74.8264, 0.3110, 0.3074



15.4817, 0.3031, 0.3049



4.4208, 0.1741, 0.0732



0.4199, 0.1883, 0.0811

Inverse Universe

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



75.0891, 0.3183, 0.3145



84.2661, 0.3192, 0.3123



83.1014, 0.3142, 0.3512



15.9376, 0.3188, 0.3133



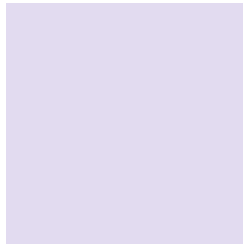
11.5732, 0.4259, 0.2120



0.9811, 0.4085, 0.2024

Previews

White Background



This preview shows how the Yxy color 73.1231, 0.3039, 0.3069 looks on a white background.

Color Contrast Check

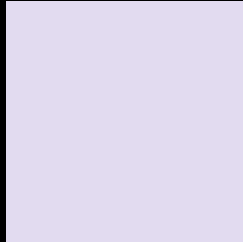
Large Text (above 18pt) WCAG AA × Fail

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 73.1231, 0.3039, 0.3069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

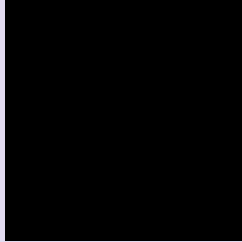
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.1231, 0.3039, 0.3069

Background



This preview shows how black text looks on a background with the Yxy color 73.1231, 0.3039, 0.3069.



This preview shows how white text looks on a background with the Yxy color 73.1231, 0.3039, 0.3069.

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

73.1231, 0.3039, 0.3069

Protanopia

73.4359, 0.2999, 0.3078

Deuteranopia

73.1248, 0.3097, 0.3032



Tritanopia

73.3084, 0.3052, 0.3110

Trichromacy



Original Color

73.1231, 0.3039, 0.3069

Protanomaly

73.2252, 0.3012, 0.3068

Deuteranomaly

73.1324, 0.3075, 0.3040

Tritanomaly

73.3670, 0.3045, 0.3100

Monochromacy



Original Color

73.1231, 0.3039, 0.3069

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.7470, 0.3096, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.1231, 0.3039, 0.3069 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(226, 219, 240)` looks like.

```
.text, #text, p{  
    color:rgb(226, 219, 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(226, 219, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 219, 240) }
```

Border

The CSS property to change the border of an element to Yxy 73.1231, 0.3039, 0.3069 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(226, 219, 240) }
```

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

```
.border{ border-color:rgb(226, 219, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 219, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 219, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 219, 240);  
box-shadow:4px 4px 4px 4px rgb(226, 219,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 73.1231, 0.3039, 0.3069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 219, 240) }
```

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

```
.background{ background-color: rgb(226,  
219, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor