

Converting Colors

$Yxy(73.3349, 0.3055, 0.3060)$

Have a look what the booklet for
Yxy(73.3349, 0.3055, 0.3060)
contains.

Yxy(73.6123, 0.3060, 0.3070)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.6123, 0.3060, 0.3070)

Conversions

Conversions Part 1

Format	Color
Hex	E5DBF0
RGB	229, 219, 240
RGB Percent	90%, 86%, 94%
CMY	0.1020, 0.1412, 0.0587
CMYK	0.05, 0.09, 0.00, 0.06
HSL	269°, 41%, 90%
HSV	269°, 9%, 94%
XYZ	73.3725, 73.6123, 92.7947
YIQ	224.3840, -0.7810, 8.6510

Conversions

Conversions Part 2

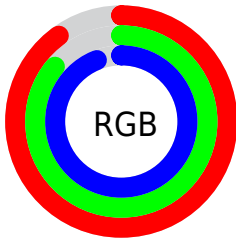
Format	Color
R _{YB}	229, 219, 240
Decimal	15064048
CIE Lab	88.74, 7.21, -9.04
CIE LCh	89, 11.560, 308.590
Yxy	73.6123, 0.3060, 0.3070
Android (android.graphics.Color)	4293254128 (0xFFE5DBF0)
YUV	224.3840, 7.6987, 4.0482
Hunter-Lab	85.7976, 2.5041, -4.0669

Details

The Yxy color **73.6123, 0.3060, 0.3070** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84.2763, 0.3190, 0.3510**, and the grayscale version is **74.7762, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.0103, 0.3048, 0.3020** is the 20% darker color. If you saturate the color by 10%, you get **59.9835, 0.2971, 0.2798**, and if you desaturate by 10%, it is **89.2034, 0.3136, 0.3320**.

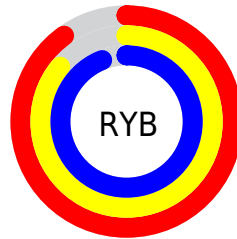
Distribution



Red (90%)

Green (86%)

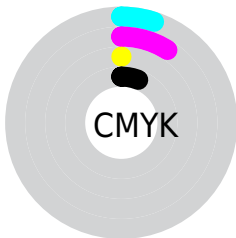
Blue (94%)



Red (90%)

Yellow (86%)

Blue (94%)

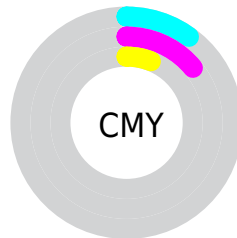


Cyan (5%)

Magenta (9%)

Yellow (0%)

Black (6%)



Cyan (10%)


Magenta (14%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.6123, 0.3060, 0.3070 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 73.6123, 0.3060, 0.3070 by changing the saturation by 10% instead.


 73.6123, 0.3060,
0.3070

 73.6123, 0.3060,
0.3070

473.1342, 0.3092,
0.3170

 54.4768, 0.3053,
0.3047


124.3461, 0.3071,
0.3104

 38.9830, 0.3044,
0.3020


156.7131, 0.3075,
0.3118

 26.7465, 0.3032,
0.2985


194.2594, 0.3079,
0.3130

 17.3829, 0.3017,
0.2940

237.3694, 0.3082,
0.3140

 10.5079, 0.2996,
0.2880

286.4275, 0.3085,
0.3149

 5.7370, 0.2965,
0.2794

341.8181, 0.3087,

 2.6858, 0.2915,

0.3157

0.2664

403.9255, 0.3090,
0.3164

■ 0.9700, 0.2825,
0.2442

■ 0.0000, 0.0828,
0.0000

■ 73.6123, 0.3060,
0.3070

■ 73.6123, 0.3060,
0.3070

■ 59.9835, 0.2971,
0.2798

■ 89.2034, 0.3136,
0.3320

■ 48.2276, 0.2869,
0.2509

■ 98.9187, 0.3209,
0.3434

■ 38.2619, 0.2753,
0.2208

■ 99.0725, 0.3214,
0.3434

■ 29.9939, 0.2625,
0.1906

■ 23.3225, 0.2489,
0.1616

■ 18.1354, 0.2350,
0.1354

■ 14.3050, 0.2213,
0.1136

■ 11.6811, 0.2086,
0.0972

■ 10.0435, 0.1973,
0.0865

Harmonies

Analogous

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



73.6123, 0.2940, 0.3058



73.6123, 0.3060, 0.3070



73.6123, 0.3201, 0.3138

Triad

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



73.6123, 0.3060, 0.3070



73.6123, 0.3390, 0.3469



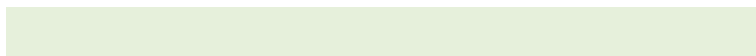
73.6123, 0.2933, 0.3333

Complementary

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



73.6123, 0.3060, 0.3070



84.2763, 0.3190, 0.3510

Split Complementary

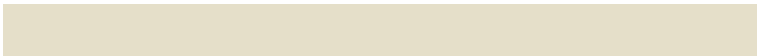
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.6123, 0.3050, 0.3450



73.6123, 0.3060, 0.3070



73.6123, 0.3315, 0.3528

Square

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



73.6123, 0.3060, 0.3070



73.6123, 0.3394, 0.3364



73.6123, 0.3190, 0.3522



73.6123, 0.2868, 0.3206

Rectangle

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



73.6123, 0.3060, 0.3070



73.6123, 0.3287, 0.3206



73.6123, 0.3190, 0.3522



73.6123, 0.2968, 0.3375

Sweetspot

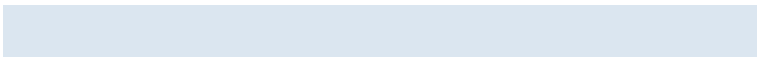
The Sweet Spot groups the original color and five complimentary colors.



73.6154, 0.3060, 0.3070



94.4622, 0.3105, 0.3216



78.0665, 0.2992, 0.3186



19.9096, 0.3099, 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.



73.6154, 0.3060, 0.3070



80.7046, 0.3041, 0.3010



75.3655, 0.3132, 0.3075



15.5970, 0.3054, 0.3051



5.4814, 0.1976, 0.0862



0.5148, 0.2120, 0.0942

Inverse Universe

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



74.9105, 0.3204, 0.3176



82.5620, 0.3226, 0.3146



82.6172, 0.3121, 0.3514



15.8975, 0.3211, 0.3167



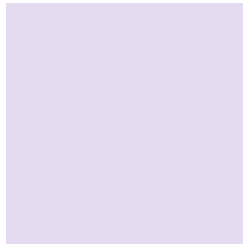
10.9923, 0.4853, 0.2447



0.9346, 0.4577, 0.2295

Previews

White Background



This preview shows how the Yxy color 73.6123, 0.3060, 0.3070 looks on a white background.

Color Contrast Check

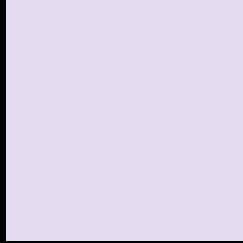
Large Text (above 18pt) WCAG AA × Fail

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 73.6123, 0.3060, 0.3070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

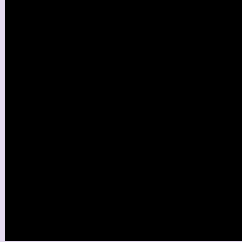
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

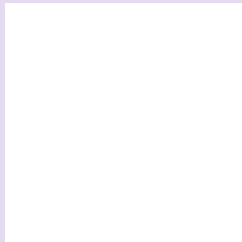
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.6123, 0.3060, 0.3070

Background



This preview shows how black text looks on a background with the Yxy color 73.6123, 0.3060, 0.3070.



This preview shows how white text looks on a background with the Yxy color 73.6123, 0.3060, 0.3070.

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

73.6123, 0.3060, 0.3070

Protanopia

73.4359, 0.2999, 0.3078

Deuteranopia

73.2955, 0.3104, 0.3032



Tritanopia

73.7948, 0.3072, 0.3111

Trichromacy



Original Color

73.6123, 0.3060, 0.3070

Protanomaly

73.3846, 0.3019, 0.3068

Deuteranomaly

73.3002, 0.3082, 0.3041

Tritanomaly

73.8534, 0.3066, 0.3101

Monochromacy



Original Color

73.6123, 0.3060, 0.3070

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.1245, 0.3103, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6123, 0.3060, 0.3070 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(229, 219, 240)` looks like.

```
.text, #text, p{  
    color:rgb(229, 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(229, 219, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 219, 240) }
```

Border

The CSS property to change the border of an element to Yxy 73.6123, 0.3060, 0.3070 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(229, 219, 240) }
```

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

```
.border{ border-color:rgb(229, 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(229, 219, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 219, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 219, 240);  
box-shadow:4px 4px 4px 4px rgb(229, 219,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6123, 0.3060, 0.3070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 219, 240) }
```

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

```
.background{ background-color: rgb(229,  
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