

Converting Colors

$Y_{xy}(74.0322, 0.3058, 0.3100)$

Have a look what the booklet for
Yxy(74.0322, 0.3058, 0.3100)
contains.

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Color

Yxy(73.7493, 0.3053, 0.3090)

Conversions

Conversions Part 1

Format	Color
Hex	E3DCEF
RGB	227, 220, 239
RGB Percent	89%, 86%, 94%
CMY	0.1096, 0.1373, 0.0627
CMYK	0.05, 0.08, 0.00, 0.06
HSL	262°, 37%, 90%
HSV	262°, 8%, 94%
XYZ	72.8662, 73.7493, 92.0554
YIQ	224.2590, -1.9270, 7.3930

Conversions

Conversions Part 2

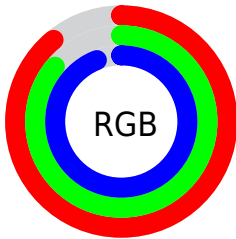
Format	Color
R _Y B	227, 220, 239
Decimal	14933231
CIE Lab	88.80, 5.87, -8.42
CIE LCh	89, 10.265, 304.901
Yxy	73.7493, 0.3053, 0.3090
Android (android.graphics.Color)	4293123311 (0xFFE3DCEF)
YUV	224.2590, 7.2673, 2.4039
Hunter-Lab	85.8774, 1.1702, -3.4411

Details

The Yxy color **73.7493, 0.3053, 0.3090** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84.0429, 0.3197, 0.3488**, and the grayscale version is **74.6916, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.0998, 0.3038, 0.3045** is the 20% darker color. If you saturate the color by 10%, you get **59.7567, 0.2946, 0.2817**, and if you desaturate by 10%, it is **89.7541, 0.3145, 0.3339**.

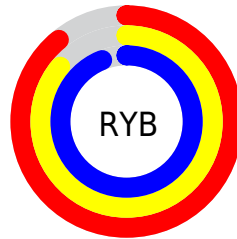
Distribution



Red (89%)

Green (86%)

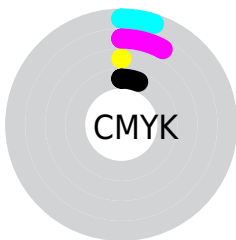
Blue (94%)



Red (89%)

Yellow (86%)

Blue (94%)

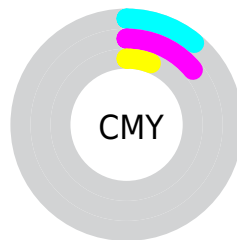


Cyan (5%)

Magenta (8%)

Yellow (0%)

Black (6%)



Cyan (11%)

Magenta (14%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.7493, 0.3053, 0.3090 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 73.7493, 0.3053, 0.3090 by changing the saturation by 10% instead.

73.7493, 0.3053,
0.3090

73.7493, 0.3053,
0.3090

473.6077, 0.3088,
0.3181

54.5889, 0.3045,
0.3069

124.5404, 0.3065,
0.3121

39.0727, 0.3035,
0.3044

156.9398, 0.3070,
0.3134

26.8163, 0.3023,
0.3012

194.5210, 0.3074,
0.3144

17.4353, 0.3006,
0.2971

237.6684, 0.3077,
0.3154

10.5453, 0.2983,
0.2916

286.7664, 0.3080,
0.3162

5.7620, 0.2950,
0.2837

342.1993, 0.3083,

2.7009, 0.2897,

0.3169

0.2717

404.3516, 0.3085,
0.3176

■ 0.9777, 0.2802,
0.2511

■ 0.0000, 0.0379,
0.0000

■ 73.7493, 0.3053,
0.3090

■ 73.7493, 0.3053,
0.3090

■ 59.7567, 0.2946,
0.2817

■ 89.7541, 0.3145,
0.3339

■ 47.6859, 0.2824,
0.2521

■ 99.0120, 0.3220,
0.3444

■ 37.4532, 0.2686,
0.2210

■ 28.9651, 0.2536,
0.1894

■ 22.1196, 0.2377,
0.1586

■ 16.8039, 0.2216,
0.1305

■ 12.8900, 0.2062,
0.1069

■ 10.2282, 0.1924,
0.0891

■ 8.6150, 0.1807,
0.0777

Harmonies

Analogous

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



73.7493, 0.2950, 0.3086



73.7493, 0.3053, 0.3090



73.7493, 0.3177, 0.3145

Triad

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



73.7493, 0.3053, 0.3090



73.7493, 0.3364, 0.3439



73.7493, 0.2966, 0.3342

Complementary

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



73.7493, 0.3053, 0.3090



84.0429, 0.3197, 0.3488

Split Complementary

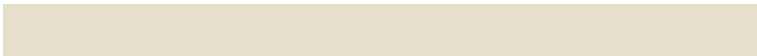
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.7493, 0.3074, 0.3442



73.7493, 0.3053, 0.3090



73.7493, 0.3305, 0.3498

Square

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



73.7493, 0.3053, 0.3090



73.7493, 0.3359, 0.3344



73.7493, 0.3198, 0.3500



73.7493, 0.2901, 0.3229

Rectangle

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



73.7493, 0.3053, 0.3090



73.7493, 0.3256, 0.3203



73.7493, 0.3198, 0.3500



73.7493, 0.2998, 0.3379

Sweetspot

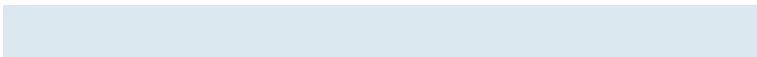
The Sweet Spot groups the original color and five complimentary colors.



73.7524, 0.3053, 0.3090



96.1869, 0.3109, 0.3241



79.1749, 0.3004, 0.3216



20.6279, 0.3110, 0.3244



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.



73.7524, 0.3053, 0.3090



81.8850, 0.3032, 0.3035



75.3238, 0.3118, 0.3094



15.5153, 0.3038, 0.3050



4.6852, 0.1802, 0.0766



0.4446, 0.1947, 0.0846

Inverse Universe

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



75.3518, 0.3183, 0.3167



84.1994, 0.3199, 0.3134



82.5120, 0.3134, 0.3492



15.9258, 0.3195, 0.3143



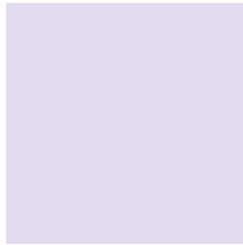
11.3848, 0.4427, 0.2212



0.9663, 0.4224, 0.2100

Previews

White Background



This preview shows how the Yxy color 73.7493, 0.3053, 0.3090 looks on a white background.

Color Contrast Check

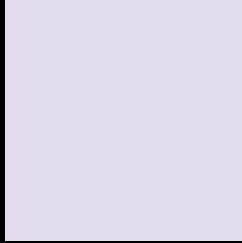
Large Text (above 18pt) WCAG AA × Fail

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 73.7493, 0.3053, 0.3090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

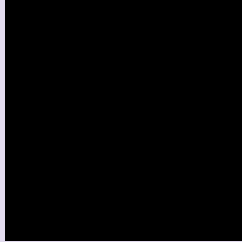
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

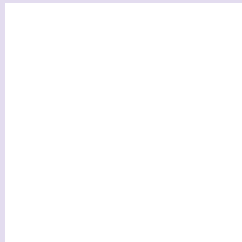
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.7493, 0.3053, 0.3090

Background



This preview shows how black text looks on a background with the Yxy color 73.7493, 0.3053, 0.3090.

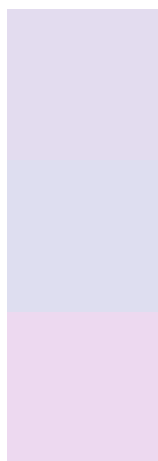


This preview shows how white text looks on a background with the Yxy color 73.7493, 0.3053, 0.3090.

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

73.7493, 0.3053, 0.3090

Protanopia

74.0634, 0.3012, 0.3099

Deuteranopia

73.9215, 0.3117, 0.3053



Tritanopia

73.6903, 0.3059, 0.3100

Trichromacy



Original Color

73.7493, 0.3053, 0.3090

Protanomaly

73.8515, 0.3025, 0.3089

Deuteranomaly

73.7577, 0.3088, 0.3062

Tritanomaly

73.6903, 0.3059, 0.3100

Monochromacy



Original Color

73.7493, 0.3053, 0.3090

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.4400, 0.3102, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7493, 0.3053, 0.3090 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(227, 220, 239)` looks like.

```
.text, #text, p{  
    color:rgb(227, 220, 239)  
}
```

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(227, 220, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 220, 239) }
```

Border

The CSS property to change the border of an element to Yxy 73.7493, 0.3053, 0.3090 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(227, 220, 239) }
```

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

```
.border{ border-color:rgb(227, 220, 239) }
```

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

Here you see how a box with a 4 pixel rgb(227, 220, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 220, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 220, 239);  
box-shadow:4px 4px 4px 4px rgb(227, 220,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 73.7493, 0.3053, 0.3090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 220, 239) }
```

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

```
.background{ background-color: rgb(227,  
220, 239) }
```

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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