

Converting Colors

$Y_{xy}(73.7482, 0.3026, 0.3059)$

Have a look what the booklet for
Yxy(73.7482, 0.3026, 0.3059)
contains.

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Color

Yxy(73.7660, 0.3027, 0.3059)

Conversions

Conversions Part 1

Format	Color
Hex	E2DCF2
RGB	226, 220, 242
RGB Percent	89%, 86%, 95%
CMY	0.1135, 0.1373, 0.0510
CMYK	0.07, 0.09, 0.00, 0.05
HSL	257°, 46%, 91%
HSV	257°, 9%, 95%
XYZ	72.9943, 73.7660, 94.3838
YIQ	224.3020, -3.4860, 8.1140

Conversions

Conversions Part 2

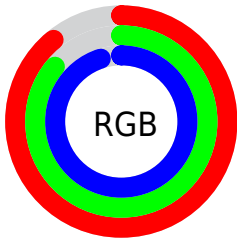
Format	Color
R _Y B	226, 220, 242
Decimal	14867698
CIE Lab	88.81, 6.11, -9.99
CIE LCh	89, 11.706, 301.448
Yxy	73.7660, 0.3027, 0.3059
Android (android.graphics.Color)	4293057778 (0xFFE2DCF2)
YUV	224.3020, 8.7251, 1.4891
Hunter-Lab	85.8871, 1.4023, -5.0345

Details

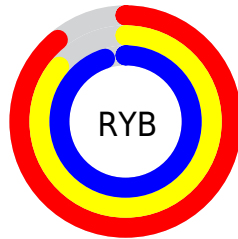
The Yxy color **73.7660, 0.3027, 0.3059** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **86.4832, 0.3222, 0.3516**, and the grayscale version is **74.7128, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.1134, 0.3005, 0.3005** is the 20% darker color. If you saturate the color by 10%, you get **59.2822, 0.2900, 0.2779**, and if you desaturate by 10%, it is **90.3843, 0.3136, 0.3312**.

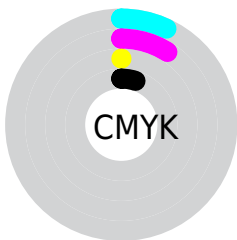
Distribution



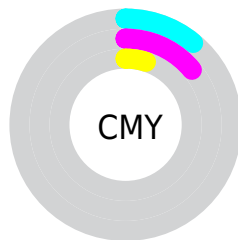
- Red (89%)
- Green (86%)
- Blue (95%)



- Red (89%)
- Yellow (86%)
- Blue (95%)



- Cyan (7%)
- Magenta (9%)
- Yellow (0%)
- Black (5%)





- Cyan (11%)
- Magenta (14%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.7660, 0.3027, 0.3059 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 73.7660, 0.3027, 0.3059 by changing the saturation by 10% instead.


 73.7660, 0.3027,
0.3059

 73.7660, 0.3027,
0.3059


473.6654, 0.3074,
0.3164

 54.6025, 0.3016,
0.3035


124.5640, 0.3043,
0.3095

 39.0836, 0.3003,
0.3006


156.9674, 0.3050,
0.3109

 26.8248, 0.2986,
0.2970


194.5529, 0.3055,
0.3122

 17.4417, 0.2964,
0.2922

237.7048, 0.3060,
0.3132

 10.5499, 0.2933,
0.2859

286.8076, 0.3064,
0.3142

 5.7650, 0.2889,
0.2769

342.2458, 0.3068,

 2.7027, 0.2820,

0.3150

0.2632

404.4035, 0.3071,
0.3158

■ 0.9786, 0.2695,
0.2400

■ 0.0000, 0.0415,
0.0000

■ 73.7660, 0.3027,
0.3059

■ 73.7660, 0.3027,
0.3059

■ 59.2822, 0.2900,
0.2779

■ 90.3843, 0.3136,
0.3312

■ 46.8362, 0.2757,
0.2474

■ 99.1900, 0.3203,
0.3415

■ 36.3377, 0.2597,
0.2152

■ 27.6860, 0.2424,
0.1822

■ 20.7710, 0.2246,
0.1503

■ 15.4707, 0.2071,
0.1214

■ 11.6468, 0.1910,
0.0975

■ 9.1363, 0.1773,
0.0801

■ 7.6970, 0.1668,
0.0696

Harmonies

Analogous

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



73.7660, 0.2915, 0.3061



73.7660, 0.3027, 0.3059



73.7660, 0.3168, 0.3115

Triad

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



73.7660, 0.3027, 0.3059



73.7660, 0.3401, 0.3449



73.7660, 0.2955, 0.3364

Complementary

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



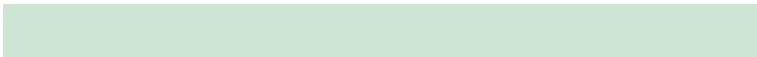
73.7660, 0.3027, 0.3059



86.4832, 0.3222, 0.3516

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.



73.7660, 0.3082, 0.3475



73.7660, 0.3027, 0.3059



73.7660, 0.3341, 0.3522

Square

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



73.7660, 0.3027, 0.3059



73.7660, 0.3386, 0.3337



73.7660, 0.3224, 0.3533



73.7660, 0.2875, 0.3234

Rectangle

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



73.7660, 0.3027, 0.3059



73.7660, 0.3259, 0.3179



73.7660, 0.3224, 0.3533



73.7660, 0.2994, 0.3405

Sweetspot

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



73.7691, 0.3027, 0.3059



94.1798, 0.3096, 0.3216



81.6850, 0.2987, 0.3228



19.8335, 0.3087, 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.



73.7691, 0.3027, 0.3059



79.7386, 0.3004, 0.3007



75.5713, 0.3102, 0.3064



15.4395, 0.3022, 0.3049



4.1373, 0.1673, 0.0695



0.3920, 0.1808, 0.0769

Inverse Universe

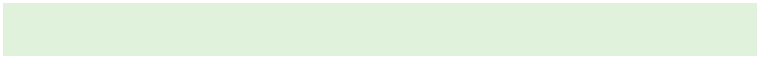
The Inverse Universe completely reimagines the original color for something new.



76.1085, 0.3178, 0.3127



82.9029, 0.3190, 0.3092



84.6906, 0.3150, 0.3521



15.9527, 0.3180, 0.3120



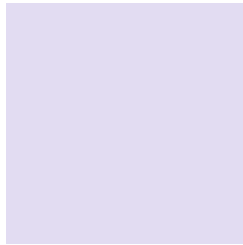
11.8346, 0.4055, 0.2007



1.0012, 0.3918, 0.1932

Previews

White Background



This preview shows how the Yxy color 73.7660, 0.3027, 0.3059 looks on a white background.

Color Contrast Check

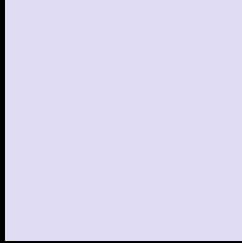
Large Text (above 18pt) WCAG AA × Fail

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 73.7660, 0.3027, 0.3059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

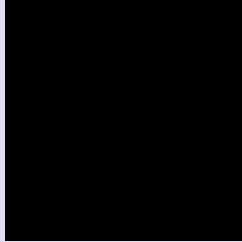
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.7660, 0.3027, 0.3059

Background



This preview shows how black text looks on a background with the Yxy color 73.7660, 0.3027, 0.3059.



This preview shows how white text looks on a background with the Yxy color 73.7660, 0.3027, 0.3059.

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

73.7660, 0.3027, 0.3059

Protanopia

73.5561, 0.2986, 0.3057

Deuteranopia

73.9296, 0.3090, 0.3023



Tritanopia

73.8935, 0.3045, 0.3110

Trichromacy



Original Color

73.7660, 0.3027, 0.3059

Protanomaly

73.8719, 0.3000, 0.3058

Deuteranomaly

73.7697, 0.3062, 0.3031

Tritanomaly

73.9524, 0.3039, 0.3100

Monochromacy



Original Color

73.7660, 0.3027, 0.3059

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.5524, 0.3089, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7660, 0.3027, 0.3059 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, 220, 242)` looks like.

```
.text, #text, p{  
    color:rgb(226, 220, 242)  
}
```

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, 220, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 220, 242) }
```

Border

The CSS property to change the border of an element to Yxy 73.7660, 0.3027, 0.3059 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, 220, 242) }
```

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

```
.border{ border-color:rgb(226, 220, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 220, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 220, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 220, 242);  
box-shadow:4px 4px 4px 4px rgb(226, 220,  
242) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 73.7660, 0.3027, 0.3059$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 220, 242) }
```

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

```
.background{ background-color: rgb(226,  
220, 242) }
```

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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