

Converting Colors

$Yxy(73.4392, 0.2985, 0.3098)$

Have a look what the booklet for
Yxy(73.4392, 0.2985, 0.3098)
contains.

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Color

Yxy(73.4392, 0.2985, 0.3098)

Conversions

Conversions Part 1

Format	Color
Hex	DADEF0
RGB	218, 222, 240
RGB Percent	85%, 87%, 94%
CMY	0.1451, 0.1294, 0.0590
CMYK	0.09, 0.07, 0.00, 0.06
HSL	229°, 42%, 90%
HSV	229°, 9%, 94%
XYZ	70.7605, 73.4392, 92.8539
YIQ	222.8560, -8.1620, 4.7500

Conversions

Conversions Part 2

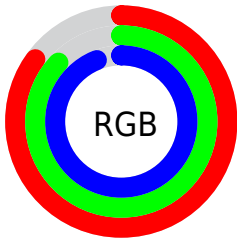
Format	Color
R _Y B	218, 221, 240
Decimal	14343920
CIE Lab	88.66, 2.06, -9.22
CIE LCh	89, 9.444, 282.574
Yxy	73.4392, 0.2985, 0.3098
Android (android.graphics.Color)	4292534000 (0xFFDADEF0)
YUV	222.8560, 8.4520, -4.2587
Hunter-Lab	85.6967, -2.5802, -4.2541

Details

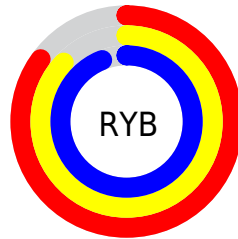
The Yxy color **73.4392, 0.2985, 0.3098** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83.5541, 0.3268, 0.3475**, and the grayscale version is **73.6292, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.8847, 0.2951, 0.3054** is the 20% darker color. If you saturate the color by 10%, you get **60.1786, 0.2815, 0.2862**, and if you desaturate by 10%, it is **88.4555, 0.3140, 0.3307**.

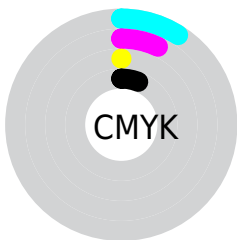
Distribution



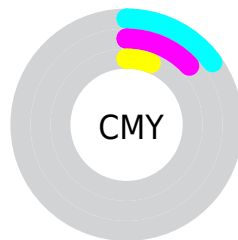
- Red (85%)
- Green (87%)
- Blue (94%)



- Red (85%)
- Yellow (87%)
- Blue (94%)



- Cyan (9%)
- Magenta (7%)
- Yellow (0%)
- Black (6%)



- Cyan (15%)
- Magenta (13%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.4392, 0.2985, 0.3098 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 73.4392, 0.2985, 0.3098 by changing the saturation by 10% instead.

73.4392, 0.2985,
0.3098

73.4392, 0.2985,
0.3098

472.5356, 0.3051,
0.3186

54.3352, 0.2970,
0.3078

124.1005, 0.3008,
0.3128

38.8697, 0.2951,
0.3053

156.4266, 0.3017,
0.3140

26.6584, 0.2928,
0.3022

193.9288, 0.3024,
0.3151

17.3168, 0.2897,
0.2982

236.9915, 0.3031,
0.3160

10.4606, 0.2856,
0.2927

285.9992, 0.3037,
0.3167

5.7054, 0.2796,
0.2849

341.3361, 0.3042,

2.6668, 0.2702,

0.3174

0.2729

403.3868, 0.3047,
0.3181

0.9604, 0.2537,
0.2520

0.0000, 0.0000,
0.0000

73.4392, 0.2985,
0.3098

73.4392, 0.2985,
0.3098

60.1786, 0.2815,
0.2862

88.4555, 0.3140,
0.3307

48.6001, 0.2630,
0.2599

99.0691, 0.3215,
0.3435

38.6384, 0.2436,
0.2313

30.2204, 0.2238,
0.2010

■ 23.2673, 0.2046,
0.1703

■ 17.6931, 0.1870,
0.1406

■ 13.4022, 0.1723,
0.1140

■ 10.2864, 0.1614,
0.0920

■ 8.2051, 0.1546,
0.0760

Harmonies

Analogous

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



73.4392, 0.2921, 0.3132



73.4392, 0.2985, 0.3098



73.4392, 0.3088, 0.3114

Triad

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



73.4392, 0.2985, 0.3098



73.4392, 0.3348, 0.3364



73.4392, 0.3050, 0.3409

Complementary

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



73.4392, 0.2985, 0.3098



83.5541, 0.3268, 0.3475

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.



73.4392, 0.3164, 0.3474



73.4392, 0.2985, 0.3098



73.4392, 0.3337, 0.3446

Square

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



73.4392, 0.2985, 0.3098



73.4392, 0.3298, 0.3266



73.4392, 0.3269, 0.3487



73.4392, 0.2958, 0.3311

Rectangle

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



73.4392, 0.2985, 0.3098



73.4392, 0.3165, 0.3151



73.4392, 0.3269, 0.3487



73.4392, 0.3087, 0.3436

Sweetspot

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



73.4423, 0.2985, 0.3098



94.6499, 0.3082, 0.3229



83.2583, 0.3009, 0.3332



19.9597, 0.3070, 0.3213



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.



73.4423, 0.2985, 0.3098



81.2866, 0.2954, 0.3056



72.4396, 0.3033, 0.3058



15.6939, 0.2980, 0.3091



4.5546, 0.1547, 0.0769



0.5081, 0.1608, 0.0988

Inverse Universe

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



73.9420, 0.3259, 0.3249



82.0001, 0.3290, 0.3240



84.6867, 0.3216, 0.3518



15.8058, 0.3265, 0.3247



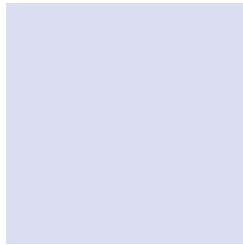
10.2531, 0.6120, 0.3145



0.8660, 0.5777, 0.2956

Previews

White Background



This preview shows how the Yxy color 73.4392, 0.2985, 0.3098 looks on a white background.

Color Contrast Check

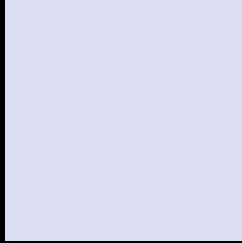
Large Text (above 18pt) WCAG AA × Fail

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 73.4392, 0.2985, 0.3098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

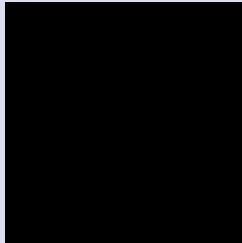
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.4392, 0.2985, 0.3098

Background



This preview shows how black text looks on a background with the Yxy color 73.4392, 0.2985, 0.3098.

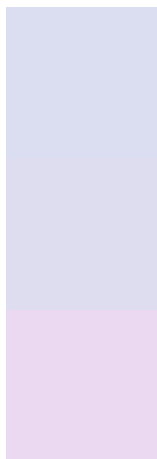


This preview shows how white text looks on a background with the Yxy color 73.4392, 0.2985, 0.3098.

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

73.4392, 0.2985, 0.3098

Protanopia

73.3170, 0.3011, 0.3098

Deuteranopia

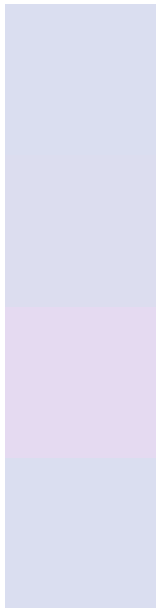
73.1248, 0.3097, 0.3032



Tritanopia

73.4392, 0.2985, 0.3098

Trichromacy



Original Color

73.4392, 0.2985, 0.3098

Protanomaly

73.1605, 0.3004, 0.3098

Deuteranomaly

73.1517, 0.3054, 0.3049

Tritanomaly

73.4392, 0.2985, 0.3098

Monochromacy



Original Color

73.4392, 0.2985, 0.3098

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.8046, 0.3074, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4392, 0.2985, 0.3098 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(218, 222, 240)` looks like.

```
.text, #text, p{  
    color:rgb(218, 222, 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(218, 222, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 222, 240) }
```

Border

The CSS property to change the border of an element to Yxy 73.4392, 0.2985, 0.3098 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(218, 222, 240) }
```

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

```
.border{ border-color:rgb(218, 222, 240) }
```

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

Here you see how a box with a 4 pixel rgb(218, 222, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 222, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 222, 240);  
box-shadow:4px 4px 4px 4px rgb(218, 222,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4392, 0.2985, 0.3098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 222, 240) }
```

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

```
.background{ background-color: rgb(218,  
222, 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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