

Converting Colors

$Yxy(73.2208, 0.2946, 0.3010)$

Have a look what the booklet for
Yxy(73.2208, 0.2946, 0.3010)
contains.

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Color

Yxy(73.4884, 0.2948, 0.3015)

Conversions

Conversions Part 1

Format	Color
Hex	DBDDF7
RGB	219, 221, 247
RGB Percent	86%, 87%, 97%
CMY	0.1412, 0.1333, 0.0313
CMYK	0.11, 0.11, 0.00, 0.03
HSL	236°, 64%, 91%
HSV	236°, 11%, 97%
XYZ	71.8553, 73.4884, 98.3989
YIQ	223.3660, -9.5380, 7.6620

Conversions

Conversions Part 2

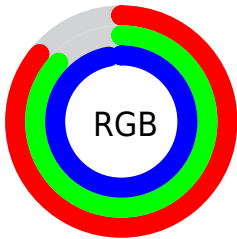
Format	Color
R _Y B	219, 221, 247
Decimal	14409207
CIE Lab	88.68, 4.28, -12.88
CIE LCh	89, 13.573, 288.383
Yxy	73.4884, 0.2948, 0.3015
Android (android.graphics.Color)	4292599287 (0xFFDBDDF7)
YUV	223.3660, 11.6516, -3.8290
Hunter-Lab	85.7254, -0.4001, -8.0476

Details

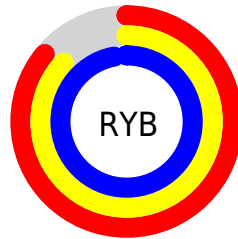
The Yxy color **73.4884, 0.2948, 0.3015** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **90.1843, 0.3299, 0.3551**, and the grayscale version is **73.9868, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.9265, 0.2904, 0.2948** is the 20% darker color. If you saturate the color by 10%, you get **58.6537, 0.2770, 0.2739**, and if you desaturate by 10%, it is **90.5493, 0.3107, 0.3260**.

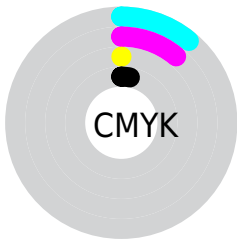
Distribution



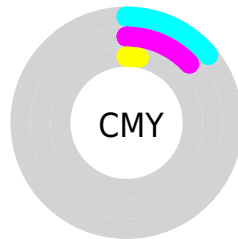
- Red (86%)
- Green (87%)
- Blue (97%)



- Red (86%)
- Yellow (87%)
- Blue (97%)



- Cyan (11%)
- Magenta (11%)
- Yellow (0%)
- Black (3%)



- Cyan (14%)
- Magenta (13%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.4884, 0.2948, 0.3015 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 73.4884, 0.2948, 0.3015 by changing the saturation by 10% instead.

73.4884, 0.2948,
0.3015

73.4884, 0.2948,
0.3015

472.7058, 0.3031,
0.3141

54.3754, 0.2929,
0.2987

124.1703, 0.2977,
0.3058

38.9019, 0.2906,
0.2952

156.5080, 0.2988,
0.3075

26.6834, 0.2876,
0.2908

194.0228, 0.2998,
0.3090

17.3356, 0.2838,
0.2852

237.0989, 0.3006,
0.3102

10.4741, 0.2785,
0.2776

286.1209, 0.3013,
0.3114

5.7144, 0.2710,
0.2669

341.4731, 0.3020,

2.6722, 0.2593,

0.3124

0.2507

403.5400, 0.3026,
0.3133

0.9631, 0.2390,
0.2234

0.0000, 0.0000,
0.0000

73.4884, 0.2948,
0.3015

73.4884, 0.2948,
0.3015

58.6537, 0.2770,
0.2739

90.5493, 0.3107,
0.3260

45.9445, 0.2575,
0.2432

99.4959, 0.3173,
0.3366

35.2663, 0.2368,
0.2103

26.5135, 0.2158,
0.1763

■ 19.5713, 0.1957,
0.1432

■ 14.3125, 0.1780,
0.1132

■ 10.5932, 0.1642,
0.0889

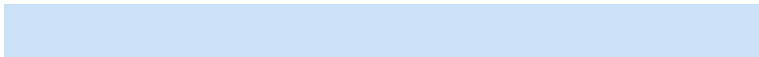
■ 8.2454, 0.1551,
0.0719

■ 7.1436, 0.1510,
0.0634

Harmonies

Analogous

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



73.4884, 0.2845, 0.3048



73.4884, 0.2948, 0.3015



73.4884, 0.3101, 0.3052

Triad

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



73.4884, 0.2948, 0.3015



73.4884, 0.3449, 0.3420



73.4884, 0.2987, 0.3438

Complementary

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



73.4884, 0.2948, 0.3015



90.1843, 0.3299, 0.3551

Split Complementary

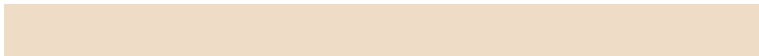
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.4884, 0.3147, 0.3544



73.4884, 0.2948, 0.3015



73.4884, 0.3416, 0.3529

Square

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



73.4884, 0.2948, 0.3015



73.4884, 0.3394, 0.3281



73.4884, 0.3304, 0.3577



73.4884, 0.2867, 0.3290

Rectangle

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



73.4884, 0.2948, 0.3015



73.4884, 0.3212, 0.3111



73.4884, 0.3304, 0.3577



73.4884, 0.3038, 0.3480

Sweetspot

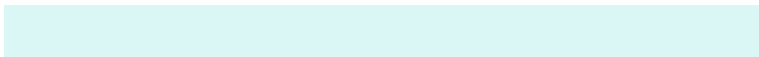
The Sweet Spot groups the original color and five complimentary colors.



73.4915, 0.2948, 0.3015



94.1329, 0.3082, 0.3221



88.1570, 0.2966, 0.3314



19.8208, 0.3070, 0.3202



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.



73.4915, 0.2948, 0.3015



74.5052, 0.2902, 0.2944



74.3035, 0.3027, 0.3000



16.1189, 0.2979, 0.3063



3.8510, 0.1513, 0.0645



0.4041, 0.1543, 0.0755

Inverse Universe

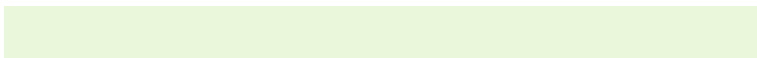
The Inverse Universe completely reimagines the original color for something new.



75.6516, 0.3317, 0.3270



77.3472, 0.3369, 0.3265



89.3591, 0.3219, 0.3577



16.5019, 0.3282, 0.3273



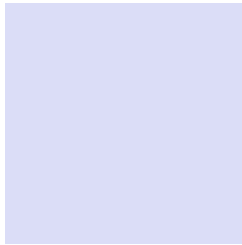
10.4881, 0.6324, 0.3257



0.9284, 0.6143, 0.3158

Previews

White Background



This preview shows how the Yxy color 73.4884, 0.2948, 0.3015 looks on a white background.

Color Contrast Check

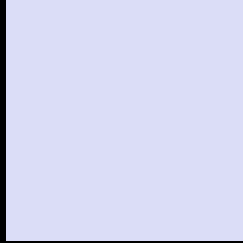
Large Text (above 18pt) WCAG AA × Fail

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 73.4884, 0.2948, 0.3015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

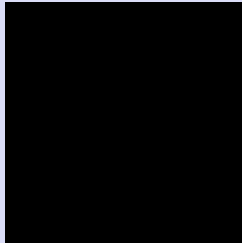
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.4884, 0.2948, 0.3015

Background



This preview shows how black text looks on a background with the Yxy color 73.4884, 0.2948, 0.3015.

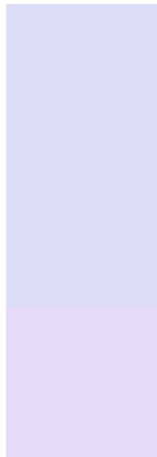


This preview shows how white text looks on a background with the Yxy color 73.4884, 0.2948, 0.3015.

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

73.4884, 0.2948, 0.3015

Protanopia

73.4884, 0.2948, 0.3015

Deuteranopia

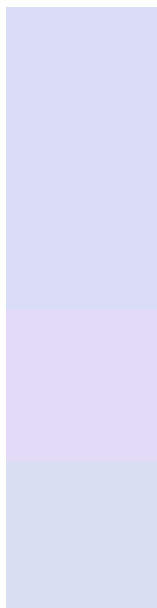
73.5588, 0.3030, 0.2970



Tritanopia

73.4392, 0.2985, 0.3098

Trichromacy



Original Color

73.4884, 0.2948, 0.3015

Protanomaly

73.4884, 0.2948, 0.3015

Deuteranomaly

73.2510, 0.2996, 0.2978

Tritanomaly

73.6190, 0.2966, 0.3066

Monochromacy



Original Color

73.4884, 0.2948, 0.3015

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.5983, 0.3062, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4884, 0.2948, 0.3015 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(219, 221, 247)` looks like.

```
.text, #text, p{  
    color:rgb(219, 221, 247)  
}
```

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(219, 221, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 221, 247) }
```

Border

The CSS property to change the border of an element to Yxy 73.4884, 0.2948, 0.3015 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(219, 221, 247) }
```

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

```
.border{ border-color:rgb(219, 221, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 221, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 221, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 221, 247);  
box-shadow:4px 4px 4px 4px rgb(219, 221,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4884, 0.2948, 0.3015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 221, 247) }
```

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

```
.background{ background-color: rgb(219,  
221, 247) }
```

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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