

Converting Colors

$Yxy(73.3695, 0.2943, 0.2992)$

Have a look what the booklet for
Yxy(73.3695, 0.2943, 0.2992)
contains.

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Color

Yxy(73.2416, 0.2942, 0.2985)

Conversions

Conversions Part 1

Format	Color
Hex	DCDCF9
RGB	220, 220, 249
RGB Percent	86%, 86%, 98%
CMY	0.1376, 0.1371, 0.0236
CMYK	0.12, 0.12, 0.00, 0.02
HSL	240°, 71%, 92%
HSV	240°, 12%, 98%
XYZ	72.1865, 73.2416, 99.9374
YIQ	223.3060, -9.3090, 9.0190

Conversions

Conversions Part 2

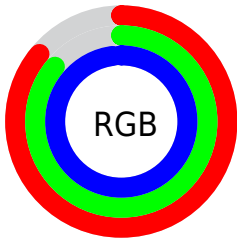
Format	Color
R _Y B	220, 220, 249
Decimal	14474489
CIE Lab	88.56, 5.48, -14.08
CIE LCh	89, 15.115, 291.277
Yxy	73.2416, 0.2942, 0.2985
Android (android.graphics.Color)	4292664569 (0xFFDCDCF9)
YUV	223.3060, 12.6671, -2.8994
Hunter-Lab	85.5813, 0.7947, -9.3288

Details

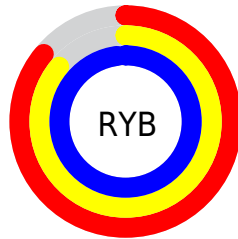
The Yxy color **73.2416, 0.2942, 0.2985** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92.9703, 0.3302, 0.3578**, and the grayscale version is **73.9278, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.7599, 0.2896, 0.2909** is the 20% darker color. If you saturate the color by 10%, you get **57.5758, 0.2761, 0.2686**, and if you desaturate by 10%, it is **91.4236, 0.3102, 0.3249**.

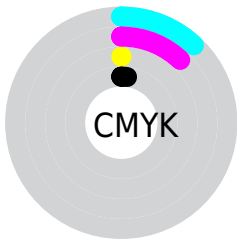
Distribution



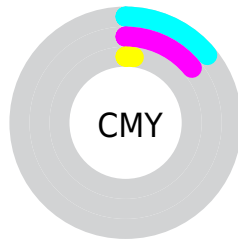
- Red (86%)
- Green (86%)
- Blue (98%)



- Red (86%)
- Yellow (86%)
- Blue (98%)



- Cyan (12%)
- Magenta (12%)
- Yellow (0%)
- Black (2%)



- Cyan (14%)
- Magenta (14%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.2416, 0.2942, 0.2985 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 73.2416, 0.2942, 0.2985 by changing the saturation by 10% instead.

■ 73.2416, 0.2942,
0.2985

■ 73.2416, 0.2942,
0.2985

471.8517, 0.3028,
0.3124

■ 54.1735, 0.2922,
0.2954

123.8201, 0.2972,
0.3033

■ 38.7404, 0.2898,
0.2916

156.0994, 0.2983,
0.3051

■ 26.5578, 0.2867,
0.2868

193.5512, 0.2993,
0.3068

■ 17.2414, 0.2827,
0.2805

236.5599, 0.3002,
0.3082

■ 10.4068, 0.2773,
0.2722

285.5099, 0.3010,
0.3094

■ 5.6695, 0.2694,
0.2605

340.7856, 0.3016,

■ 2.6452, 0.2573,

0.3105

0.2429

402.7714, 0.3022,
0.3115

■ 0.9494, 0.2362,
0.2136

■ 0.0000, 0.0000,
0.0000

■ 73.2416, 0.2942,
0.2985

■ 73.2416, 0.2942,
0.2985

■ 57.5758, 0.2761,
0.2686

■ 91.4236, 0.3102,
0.3249

■ 44.3069, 0.2560,
0.2356

■ 99.6183, 0.3162,
0.3348

■ 33.3195, 0.2347,
0.2003

■ 24.4850, 0.2130,
0.1645

■ 17.6623, 0.1924,
0.1305

■ 12.6933, 0.1747,
0.1011

■ 9.3964, 0.1613,
0.0790

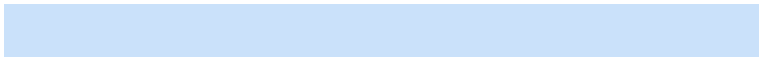
■ 7.5535, 0.1532,
0.0655

■ 6.8587, 0.1501,
0.0602

Harmonies

Analogous

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



73.2416, 0.2821, 0.3013



73.2416, 0.2942, 0.2985



73.2416, 0.3116, 0.3034

Triad

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



73.2416, 0.2942, 0.2985



73.2416, 0.3488, 0.3448



73.2416, 0.2955, 0.3440

Complementary

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



73.2416, 0.2942, 0.2985



92.9703, 0.3302, 0.3578

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.



73.2416, 0.3130, 0.3566



73.2416, 0.2942, 0.2985



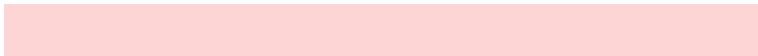
73.2416, 0.3440, 0.3565

Square

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



73.2416, 0.2942, 0.2985



73.2416, 0.3435, 0.3295



73.2416, 0.3308, 0.3611



73.2416, 0.2828, 0.3273

Rectangle

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



73.2416, 0.2942, 0.2985



73.2416, 0.3239, 0.3103



73.2416, 0.3308, 0.3611



73.2416, 0.3010, 0.3489

Sweetspot

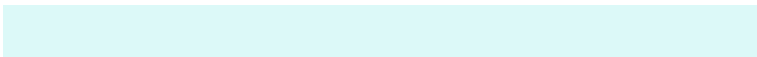
The Sweet Spot groups the original color and five complimentary colors.



73.2447, 0.2942, 0.2985



91.8037, 0.3067, 0.3191



89.7505, 0.2951, 0.3294



19.3304, 0.3055, 0.3171



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.



73.2447, 0.2942, 0.2985



73.2169, 0.2901, 0.2918



75.4704, 0.3037, 0.2993



16.6535, 0.2979, 0.3045



3.6766, 0.1501, 0.0602



0.3441, 0.1502, 0.0608

Inverse Universe

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



76.4503, 0.3337, 0.3290



77.2171, 0.3386, 0.3289



90.5532, 0.3209, 0.3587



17.2263, 0.3294, 0.3290



10.7821, 0.6397, 0.3298



0.9990, 0.6387, 0.3292

Previews

White Background



This preview shows how the Yxy color 73.2416, 0.2942, 0.2985 looks on a white background.

Color Contrast Check

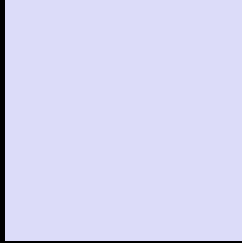
Large Text (above 18pt) WCAG AA × Fail

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 73.2416, 0.2942, 0.2985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

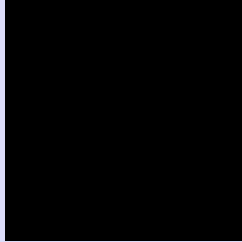
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.2416, 0.2942, 0.2985

Background



This preview shows how black text looks on a background with the Yxy color 73.2416, 0.2942, 0.2985.

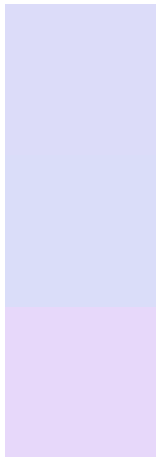


This preview shows how white text looks on a background with the Yxy color 73.2416, 0.2942, 0.2985.

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

73.2416, 0.2942, 0.2985

Protanopia

73.4579, 0.2929, 0.2994

Deuteranopia

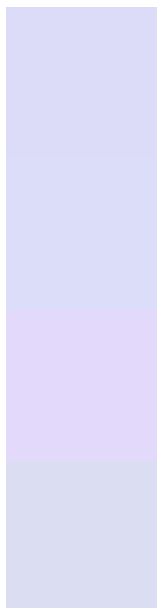
73.0028, 0.3010, 0.2939



Tritanopia

73.3800, 0.2991, 0.3108

Trichromacy



Original Color

73.2416, 0.2942, 0.2985

Protanomaly

73.6125, 0.2936, 0.2995

Deuteranomaly

72.8587, 0.2983, 0.2947

Tritanomaly

73.2440, 0.2973, 0.3056

Monochromacy



Original Color

73.2416, 0.2942, 0.2985

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 73.2416, 0.2942, 0.2985 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(220, 220, 249)` looks like.

```
.text, #text, p{  
    color:rgb(220, 220, 249)  
}
```

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(220, 220, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 220, 249) }
```

Border

The CSS property to change the border of an element to Yxy 73.2416, 0.2942, 0.2985 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(220, 220, 249) }
```

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

```
.border{ border-color:rgb(220, 220, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 220, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 220, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 220, 249);  
box-shadow:4px 4px 4px 4px rgb(220, 220,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 73.2416, 0.2942, 0.2985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 220, 249) }
```

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

```
.background{ background-color: rgb(220,  
220, 249) }
```

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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