

Converting Colors

$Yxy(73.8042, 0.2922, 0.3004)$

Have a look what the booklet for
Yxy(73.8042, 0.2922, 0.3004)
contains.

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Color

Yxy(73.8338, 0.2923, 0.3004)

Conversions

Conversions Part 1

Format	Color
Hex	D9DEF9
RGB	217, 222, 249
RGB Percent	85%, 87%, 98%
CMY	0.1489, 0.1294, 0.0234
CMYK	0.13, 0.11, 0.00, 0.02
HSL	231°, 73%, 91%
HSV	231°, 13%, 98%
XYZ	71.8429, 73.8338, 100.1082
YIQ	223.5830, -11.6470, 7.3370

Conversions

Conversions Part 2

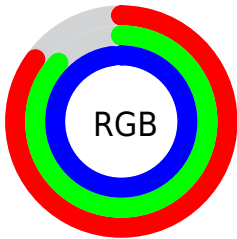
Format	Color
R _{YB}	217, 221, 249
Decimal	14278393
CIE Lab	88.84, 3.55, -13.71
CIE LCh	89, 14.163, 284.510
Yxy	73.8338, 0.2923, 0.3004
Android (android.graphics.Color)	4292468473 (0xFFD9DEF9)
YUV	223.5830, 12.5306, -5.7733
Hunter-Lab	85.9266, -1.1283, -8.9268

Details

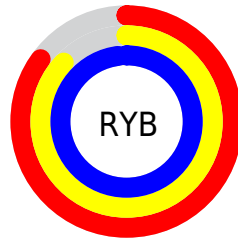
The Yxy color **73.8338, 0.2923, 0.3004** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **89.8886, 0.3326, 0.3561**, and the grayscale version is **74.1482, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.1691, 0.2872, 0.2934** is the 20% darker color. If you saturate the color by 10%, you get **59.8198, 0.2746, 0.2749**, and if you desaturate by 10%, it is **89.8234, 0.3084, 0.3231**.

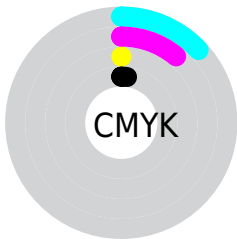
Distribution



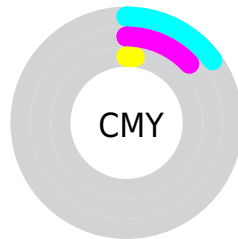
- Red (85%)
- Green (87%)
- Blue (98%)



- Red (85%)
- Yellow (87%)
- Blue (98%)



- Cyan (13%)
- Magenta (11%)
- Yellow (0%)
- Black (2%)



- Cyan (15%)
- Magenta (13%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.8338, 0.2923, 0.3004 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 73.8338, 0.2923, 0.3004 by changing the saturation by 10% instead.

73.8338, 0.2923,
0.3004

73.8338, 0.2923,
0.3004

473.8996, 0.3017,
0.3135

54.6580, 0.2902,
0.2975

124.6602, 0.2956,
0.3049

39.1280, 0.2875,
0.2939

157.0796, 0.2968,
0.3067

26.8593, 0.2842,
0.2893

194.6823, 0.2979,
0.3082

17.4676, 0.2798,
0.2835

237.8527, 0.2989,
0.3095

10.5684, 0.2739,
0.2756

286.9753, 0.2997,
0.3107

5.7774, 0.2655,
0.2645

342.4343, 0.3005,

2.7102, 0.2525,

0.3117

0.2477

404.6143, 0.3011,
0.3126

0.9824, 0.2302,
0.2196

0.0000, 0.0000,
0.0000

73.8338, 0.2923,
0.3004

73.8338, 0.2923,
0.3004

59.8198, 0.2746,
0.2749

89.8234, 0.3084,
0.3231

47.6953, 0.2555,
0.2467

99.6212, 0.3162,
0.3347

37.3816, 0.2355,
0.2163

28.7906, 0.2154,
0.1848

■ 21.8270, 0.1964,
0.1536

■ 16.3859, 0.1796,
0.1245

■ 12.3496, 0.1662,
0.0997

■ 9.5820, 0.1571,
0.0807

■ 8.2730, 0.1531,
0.0711

Harmonies

Analogous

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



73.8338, 0.2824, 0.3048



73.8338, 0.2923, 0.3004



73.8338, 0.3078, 0.3034

Triad

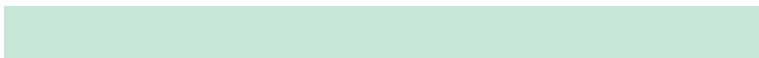
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.8338, 0.2923, 0.3004



73.8338, 0.3461, 0.3407



73.8338, 0.3001, 0.3462

Complementary

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



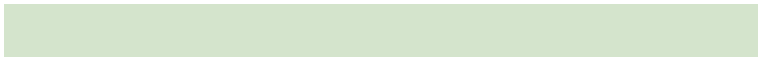
73.8338, 0.2923, 0.3004



89.8886, 0.3326, 0.3561

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.



73.8338, 0.3169, 0.3564



73.8338, 0.2923, 0.3004



73.8338, 0.3438, 0.3527

Square

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



73.8338, 0.2923, 0.3004



73.8338, 0.3391, 0.3262



73.8338, 0.3330, 0.3587



73.8338, 0.2869, 0.3310

Rectangle

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



73.8338, 0.2923, 0.3004



73.8338, 0.3193, 0.3090



73.8338, 0.3330, 0.3587



73.8338, 0.3055, 0.3503

Sweetspot

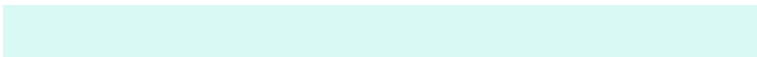
The Sweet Spot groups the original color and five complimentary colors.



73.8369, 0.2923, 0.3004



92.7427, 0.3067, 0.3206



89.0361, 0.2960, 0.3345



19.5669, 0.3055, 0.3190



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.



73.8369, 0.2923, 0.3004



74.5459, 0.2886, 0.2951



72.9216, 0.2994, 0.2957



17.0785, 0.2979, 0.3083



4.5560, 0.1536, 0.0729



0.5456, 0.1586, 0.0910

Inverse Universe

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



75.0554, 0.3327, 0.3240



76.0682, 0.3367, 0.3231



91.0182, 0.3249, 0.3616



17.2692, 0.3269, 0.3253



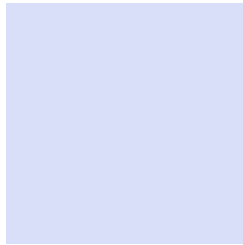
10.8708, 0.6185, 0.3181



1.0193, 0.5896, 0.3022

Previews

White Background



This preview shows how the Yxy color 73.8338, 0.2923, 0.3004 looks on a white background.

Color Contrast Check

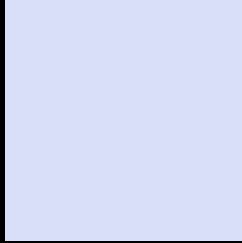
Large Text (above 18pt) WCAG AA × Fail

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 73.8338, 0.2923, 0.3004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

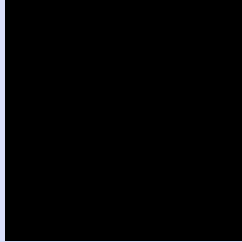
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.8338, 0.2923, 0.3004

Background



This preview shows how black text looks on a background with the Yxy color 73.8338, 0.2923, 0.3004.

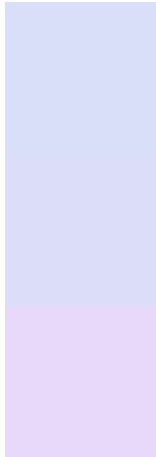


This preview shows how white text looks on a background with the Yxy color 73.8338, 0.2923, 0.3004.

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

73.8338, 0.2923, 0.3004

Protanopia

73.6125, 0.2936, 0.2995

Deuteranopia

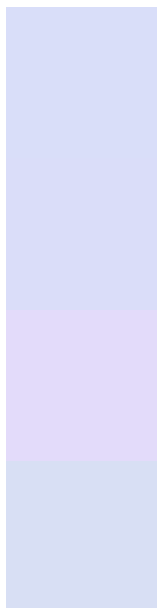
73.6836, 0.3017, 0.2951



Tritanopia

73.7252, 0.2965, 0.3097

Trichromacy



Original Color

73.8338, 0.2923, 0.3004

Protanomaly

73.4579, 0.2929, 0.2994

Deuteranomaly

73.8961, 0.2983, 0.2968

Tritanomaly

73.9059, 0.2947, 0.3066

Monochromacy



Original Color

73.8338, 0.2923, 0.3004

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.0307, 0.3049, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.8338, 0.2923, 0.3004 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(217, 222, 249)` looks like.

```
.text, #text, p{  
    color:rgb(217, 222, 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(217, 222, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 222, 249) }
```

Border

The CSS property to change the border of an element to Yxy 73.8338, 0.2923, 0.3004 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(217, 222, 249) }
```

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

```
.border{ border-color:rgb(217, 222, 249) }
```

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

Here you see how a box with a 4 pixel rgb(217, 222, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 222, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 222, 249);  
box-shadow:4px 4px 4px 4px rgb(217, 222,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 73.8338, 0.2923, 0.3004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 222, 249) }
```

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

```
.background{ background-color: rgb(217,  
222, 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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