

Converting Colors

$Y_{xy}(73.9421, 0.2991, 0.3119)$

Have a look what the booklet for
Yxy(73.9421, 0.2991, 0.3119)
contains.

Yxy(73.9128, 0.2991, 0.3119)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.9128, 0.2991, 0.3119)

Conversions

Conversions Part 1

Format	Color
Hex	DADFEF
RGB	218, 223, 239
RGB Percent	85%, 87%, 94%
CMY	0.1451, 0.1255, 0.0628
CMYK	0.09, 0.07, 0.00, 0.06
HSL	226°, 40%, 90%
HSV	226°, 9%, 94%
XYZ	70.8795, 73.9128, 92.1836
YIQ	223.3290, -8.1160, 3.9160

Conversions

Conversions Part 2

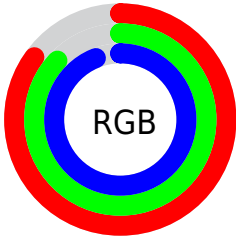
Format	Color
R _Y B	218, 222, 239
Decimal	14344175
CIE Lab	88.88, 1.34, -8.37
CIE LCh	89, 8.480, 279.107
Yxy	73.9128, 0.2991, 0.3119
Android (android.graphics.Color)	4292534255 (0xFFDADFEF)
YUV	223.3290, 7.7258, -4.6735
Hunter-Lab	85.9726, -3.2888, -3.3926

Details

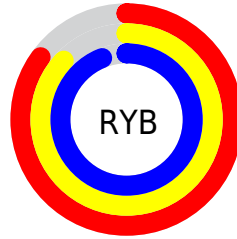
The Yxy color **73.9128, 0.2991, 0.3119** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82.2477, 0.3263, 0.3455**, and the grayscale version is **73.9878, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2107, 0.2959, 0.3081** is the 20% darker color. If you saturate the color by 10%, you get **61.2849, 0.2823, 0.2901**, and if you desaturate by 10%, it is **88.1234, 0.3145, 0.3312**.

Distribution



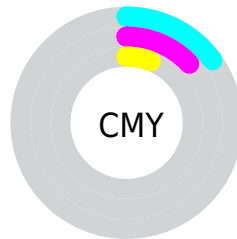
- Red (85%)
- Green (87%)
- Blue (94%)



- 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 73.9128, 0.2991, 0.3119 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 73.9128, 0.2991, 0.3119 by changing the saturation by 10% instead.

■ 73.9128, 0.2991,
0.3119

■ 73.9128, 0.2991,
0.3119

474.1724, 0.3054,
0.3198

■ 54.7227, 0.2977,
0.3101

124.7722, 0.3013,
0.3146

■ 39.1797, 0.2959,
0.3079

157.2102, 0.3021,
0.3157

■ 26.8996, 0.2937,
0.3051

194.8330, 0.3029,
0.3166

■ 17.4978, 0.2908,
0.3015

238.0250, 0.3035,
0.3174

■ 10.5901, 0.2868,
0.2967

287.1705, 0.3041,
0.3181

■ 5.7919, 0.2811,
0.2897

342.6540, 0.3045,

■ 2.7190, 0.2722,

0.3187

0.2789

404.8598, 0.3050,
0.3193

■ 0.9868, 0.2566,
0.2600

■ 0.0000, 0.0000,
0.0000

■ 73.9128, 0.2991,
0.3119

■ 73.9128, 0.2991,
0.3119

■ 61.2849, 0.2823,
0.2901

■ 88.1234, 0.3145,
0.3312

■ 50.1749, 0.2643,
0.2658

■ 99.0114, 0.3220,
0.3444

■ 40.5271, 0.2454,
0.2393

■ 32.2786, 0.2262,
0.2111

■ 25.3620, 0.2076,
0.1821

■ 19.7039, 0.1905,
0.1536

■ 15.2231, 0.1760,
0.1271

■ 11.8278, 0.1649,
0.1042

■ 9.4004, 0.1575,
0.0861

Harmonies

Analogous

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



73.9128, 0.2939, 0.3155



73.9128, 0.2991, 0.3119



73.9128, 0.3080, 0.3128

Triad

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



73.9128, 0.2991, 0.3119



73.9128, 0.3322, 0.3347



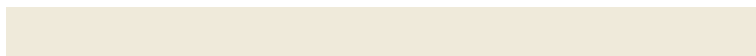
73.9128, 0.3070, 0.3405

Complementary

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



73.9128, 0.2991, 0.3119



82.2477, 0.3263, 0.3455

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.



73.9128, 0.3172, 0.3459



73.9128, 0.2991, 0.3119



73.9128, 0.3319, 0.3423

Square

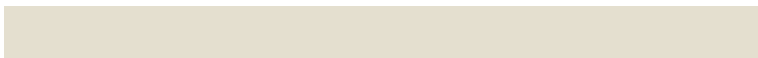
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.9128, 0.2991, 0.3119



73.9128, 0.3272, 0.3258



73.9128, 0.3264, 0.3464



73.9128, 0.2984, 0.3320

Rectangle

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



73.9128, 0.2991, 0.3119



73.9128, 0.3149, 0.3158



73.9128, 0.3264, 0.3464



73.9128, 0.3103, 0.3428

Sweetspot

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



73.9159, 0.2991, 0.3119



94.9172, 0.3082, 0.3234



82.5587, 0.3022, 0.3345



20.0315, 0.3069, 0.3218



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.



73.9159, 0.2991, 0.3119



82.1837, 0.2954, 0.3072



72.1019, 0.3027, 0.3067



15.8407, 0.2980, 0.3105



5.2297, 0.1574, 0.0866



0.5842, 0.1641, 0.1108

Inverse Universe

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



73.8202, 0.3245, 0.3238



82.0907, 0.3279, 0.3224



84.2383, 0.3222, 0.3508



15.8206, 0.3256, 0.3234



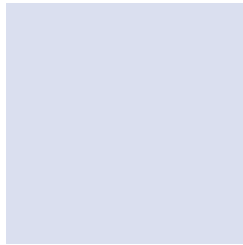
10.3213, 0.5964, 0.3059



0.8737, 0.5598, 0.2858

Previews

White Background



This preview shows how the Yxy color 73.9128, 0.2991, 0.3119 looks on a white background.

Color Contrast Check

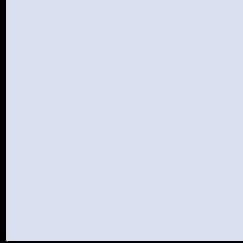
Large Text (above 18pt) WCAG AA × Fail

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 73.9128, 0.2991, 0.3119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

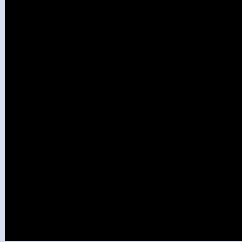
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

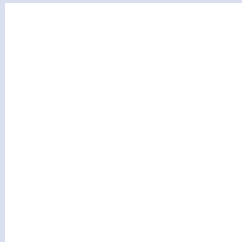
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.9128, 0.2991, 0.3119

Background



This preview shows how black text looks on a background with the Yxy color 73.9128, 0.2991, 0.3119.

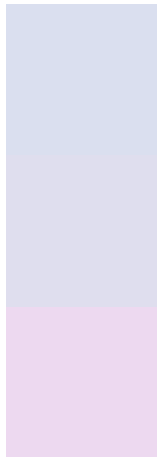


This preview shows how white text looks on a background with the Yxy color 73.9128, 0.2991, 0.3119.

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

73.9128, 0.2991, 0.3119

Protanopia

74.1036, 0.3031, 0.3120

Deuteranopia

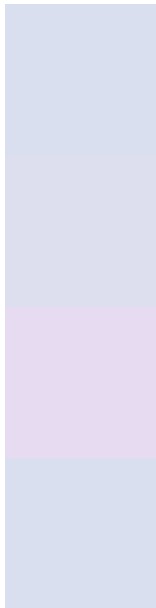
73.9215, 0.3117, 0.3053



Tritanopia

73.9720, 0.2985, 0.3108

Trichromacy



Original Color

73.9128, 0.2991, 0.3119

Protanomaly

73.7878, 0.3017, 0.3120

Deuteranomaly

73.7773, 0.3067, 0.3071

Tritanomaly

73.9720, 0.2985, 0.3108

Monochromacy



Original Color

73.9128, 0.2991, 0.3119

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 73.9128, 0.2991, 0.3119 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, 223, 239)` looks like.

```
.text, #text, p{  
    color:rgb(218, 223, 239)  
}
```

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, 223, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 223, 239) }
```

Border

The CSS property to change the border of an element to Yxy 73.9128, 0.2991, 0.3119 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, 223, 239) }
```

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

```
.border{ border-color:rgb(218, 223, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 223, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 223, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 223, 239);  
box-shadow:4px 4px 4px 4px rgb(218, 223,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9128, 0.2991, 0.3119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 223, 239) }
```

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

```
.background{ background-color: rgb(218,  
223, 239) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor