

Converting Colors

Yxy(73.9489, 0.2933, 0.3164)

Have a look what the booklet for
Yxy(73.9489, 0.2933, 0.3164)
contains.

| | |
|---|----|
| Yxy(73.9757, 0.2931, 0.3159) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(73.9757, 0.2931, 0.3159)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | D0E2EE |
| RGB | 208, 226, 238 |
| RGB Percent | 82%, 89%, 93% |
| CMY | 0.1844, 0.1137, 0.0666 |
| CMYK | 0.13, 0.05, 0.00, 0.07 |
| HSL | 204°, 47%, 87% |
| HSV | 204°, 13%, 93% |
| XYZ | 68.6365, 73.9757, 91.5622 |
| YIQ | 221.9860, -14.5800, -0.0840 |

Conversions

Conversions Part 2

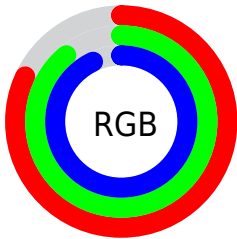
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 208, 219, 238 |
| Decimal | 13689582 |
| CIE Lab | 88.91, -3.62, -7.90 |
| CIE LCh | 89, 8.686, 245.369 |
| Yxy | 73.9757, 0.2931, 0.3159 |
| Android (android.graphics.Color) | 4291879662 (0xFFD0E2EE) |
| YUV | 221.9860, 7.8949, -12.2657 |
| Hunter-Lab | 86.0091, -8.0704, -2.9116 |

Details

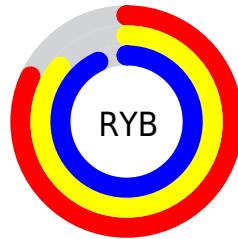
The Yxy color **73.9757, 0.2931, 0.3159** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.9060, 0.3340, 0.3418**, and the grayscale version is **72.9866, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2755, 0.2883, 0.3133** is the 20% darker color. If you saturate the color by 10%, you get **65.7546, 0.2773, 0.3043**, and if you desaturate by 10%, it is **83.0075, 0.3087, 0.3264**.

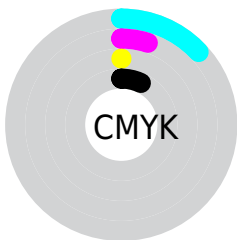
Distribution



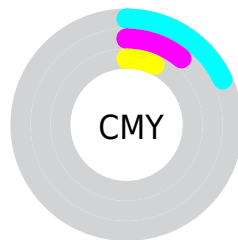
- Red (82%)
- Green (89%)
- Blue (93%)



- Red (82%)
- Yellow (86%)
- Blue (93%)



- Cyan (13%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (18%)
- Magenta (11%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.9757, 0.2931, 0.3159 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 73.9757, 0.2931, 0.3159 by changing the saturation by 10% instead.

■ 73.9757, 0.2931,
0.3159

■ 73.9757, 0.2931,
0.3159

474.3895, 0.3021,
0.3220

■ 54.7742, 0.2911,
0.3145

124.8614, 0.2962,
0.3180

■ 39.2209, 0.2885,
0.3128

157.3143, 0.2974,
0.3188

■ 26.9316, 0.2854,
0.3106

194.9531, 0.2985,
0.3196

■ 17.5219, 0.2812,
0.3077

238.1622, 0.2994,
0.3202

■ 10.6073, 0.2757,
0.3038

287.3260, 0.3002,
0.3207

■ 5.8034, 0.2677,
0.2980

342.8289, 0.3009,

■ 2.7259, 0.2554,

0.3212

0.2891

405.0552, 0.3015,
0.3216

0.9904, 0.2340,
0.2729

0.0000, 0.0000,
0.0000

73.9757, 0.2931,
0.3159

73.9757, 0.2931,
0.3159

65.7546, 0.2773,
0.3043

83.0075, 0.3087,
0.3264

58.3073, 0.2616,
0.2915

92.7580, 0.3235,
0.3358

51.6076, 0.2462,
0.2777

98.6619, 0.3227,
0.3449

45.6238, 0.2318,
0.2631

98.9541, 0.3226,
0.3454

■ 40.3212, 0.2186,
0.2478

■ 35.6617, 0.2071,
0.2322

■ 31.6018, 0.1976,
0.2166

■ 28.0898, 0.1904,
0.2012

■ 25.7946, 0.1862,
0.1902

Harmonies

Analogous

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



73.9757, 0.2935, 0.3238



73.9757, 0.2931, 0.3159



73.9757, 0.2979, 0.3117

Triad

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



73.9757, 0.2931, 0.3159



73.9757, 0.3266, 0.3246



73.9757, 0.3186, 0.3466

Complementary

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



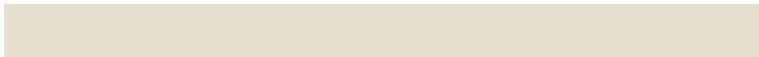
73.9757, 0.2931, 0.3159



73.9060, 0.3340, 0.3418

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.



73.9757, 0.3276, 0.3466



73.9757, 0.2931, 0.3159



73.9757, 0.3323, 0.3337

Square

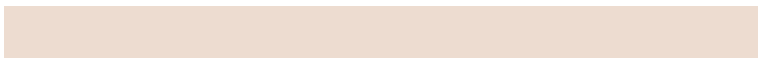
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.9757, 0.2931, 0.3159



73.9757, 0.3171, 0.3168



73.9757, 0.3327, 0.3418



73.9757, 0.3081, 0.3417

Rectangle

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



73.9757, 0.2931, 0.3159



73.9757, 0.3034, 0.3114



73.9757, 0.3327, 0.3418



73.9757, 0.3219, 0.3472

Sweetspot

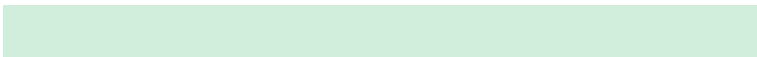
The Sweet Spot groups the original color and five complimentary colors.



73.9788, 0.2931, 0.3159



95.5438, 0.3065, 0.3250



79.7048, 0.3042, 0.3492



20.2747, 0.3054, 0.3243



0.0000, 0.0000, 0.0000



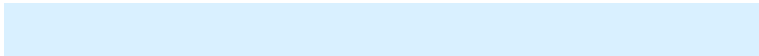
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.9788, 0.2931, 0.3159



84.0873, 0.2893, 0.3132



66.4047, 0.2927, 0.2997



16.8076, 0.2980, 0.3193



14.6484, 0.1868, 0.1926



1.4127, 0.1923, 0.2124

Inverse Universe

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



68.7688, 0.3226, 0.3101



77.0314, 0.3248, 0.3063



81.8701, 0.3321, 0.3567



15.9182, 0.3199, 0.3149



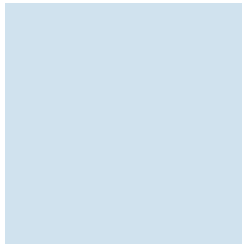
11.2721, 0.4538, 0.2273



0.9573, 0.4315, 0.2151

Previews

White Background



This preview shows how the Yxy color 73.9757, 0.2931, 0.3159 looks on a white background.

Color Contrast Check

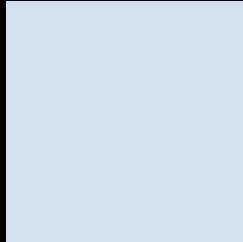
Large Text (above 18pt) WCAG AA × Fail

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 73.9757, 0.2931, 0.3159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

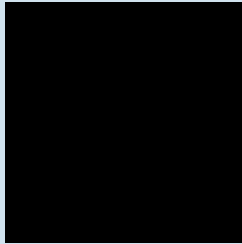
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

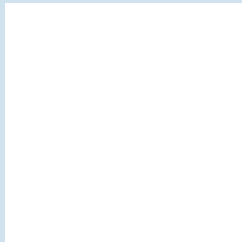
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.9757, 0.2931, 0.3159

Background



This preview shows how black text looks on a background with the Yxy color 73.9757, 0.2931, 0.3159.

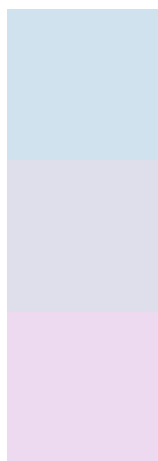


This preview shows how white text looks on a background with the Yxy color 73.9757, 0.2931, 0.3159.

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

73.9757, 0.2931, 0.3159

Protanopia

73.9287, 0.3050, 0.3152

Deuteranopia

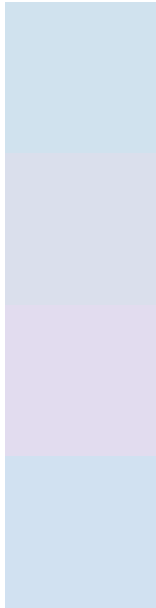
73.9215, 0.3117, 0.3053



Tritanopia

73.8768, 0.2908, 0.3095

Trichromacy



Original Color

73.9757, 0.2931, 0.3159

Protanomaly

73.7369, 0.3010, 0.3150

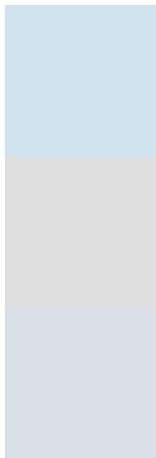
Deuteranomaly

73.5871, 0.3046, 0.3090

Tritanomaly

73.7566, 0.2920, 0.3116

Monochromacy



Original Color

73.9757, 0.2931, 0.3159

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.1285, 0.3053, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9757, 0.2931, 0.3159 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(208, 226, 238)` looks like.

```
.text, #text, p{  
    color:rgb(208, 226, 238)  
}
```

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(208, 226, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 226, 238) }
```

Border

The CSS property to change the border of an element to Yxy 73.9757, 0.2931, 0.3159 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(208, 226, 238) }
```

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

```
.border{ border-color:rgb(208, 226, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 226, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 226, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 226, 238);  
box-shadow:4px 4px 4px 4px rgb(208, 226,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9757, 0.2931, 0.3159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 226, 238) }
```

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

```
.background{ background-color: rgb(208,  
226, 238) }
```

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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