

Converting Colors

$Yxy(73.3093, 0.2776, 0.2968)$

Have a look what the booklet for
Yxy(73.3093, 0.2776, 0.2968)
contains.

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Color

Yxy(73.2125, 0.2776, 0.2966)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C7E1FF |
| RGB | 199, 225, 255 |
| RGB Percent | 78%, 88%, 100% |
| CMY | 0.2196, 0.1176, 0.0001 |
| CMYK | 0.22, 0.12, 0.00, 0.00 |
| HSL | 212°, 100%, 89% |
| HSV | 212°, 22%, 100% |
| XYZ | 68.5226, 73.2125, 105.1041 |
| YIQ | 220.6460, -25.1260, 3.8180 |

Conversions

Conversions Part 2

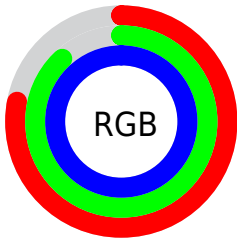
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 199, 217, 255 |
| Decimal | 13099519 |
| CIE Lab | 88.55, -2.31, -17.40 |
| CIE LCh | 89, 17.555, 262.445 |
| Yxy | 73.2125, 0.2776, 0.2966 |
| Android (android.graphics.Color) | 4291289599 (0xFFC7E1FF) |
| YUV | 220.6460, 16.9365, -18.9835 |
| Hunter-Lab | 85.5643, -6.7892, -12.9347 |

Details

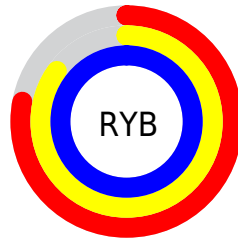
The Yxy color **73.2125, 0.2776, 0.2966** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **81.3915, 0.3512, 0.3594**, and the grayscale version is **71.9375, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.7560, 0.2695, 0.2896** is the 20% darker color. If you saturate the color by 10%, you get **62.9286, 0.2608, 0.2793**, and if you desaturate by 10%, it is **84.6764, 0.2940, 0.3123**.

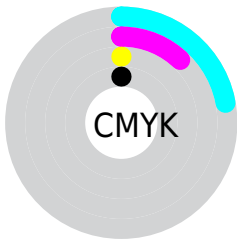
Distribution



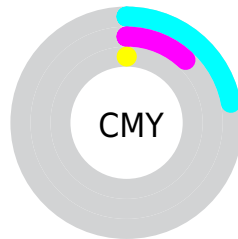
- Red (78%)
- Green (88%)
- Blue (100%)



- Red (78%)
- Yellow (85%)
- Blue (100%)



- Cyan (22%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.2125, 0.2776, 0.2966 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 73.2125, 0.2776, 0.2966 by changing the saturation by 10% instead.

■ 73.2125, 0.2776,
0.2966

■ 73.2125, 0.2776,
0.2966

471.7510, 0.2937,
0.3115

■ 54.1497, 0.2740,
0.2932

123.7788, 0.2831,
0.3018

■ 38.7214, 0.2695,
0.2890

156.0512, 0.2853,
0.3038

■ 26.5431, 0.2640,
0.2838

193.4956, 0.2872,
0.3055

■ 17.2303, 0.2567,
0.2770

236.4963, 0.2888,
0.3070

■ 10.3989, 0.2471,
0.2678

285.4378, 0.2902,
0.3084

■ 5.6642, 0.2335,
0.2547

340.7045, 0.2915,

■ 2.6420, 0.2131,

0.3095

0.2350

402.6808, 0.2926,
0.3106

0.9478, 0.1797,
0.2020

0.0000, 0.0000,
0.0000

73.2125, 0.2776,
0.2966

73.2125, 0.2776,
0.2966

62.9286, 0.2608,
0.2793

84.6764, 0.2940,
0.3123

53.7729, 0.2440,
0.2604

97.3518, 0.3097,
0.3264

45.7027, 0.2277,
0.2404

99.9983, 0.3127,
0.3290

38.6684, 0.2125,
0.2195

■ 32.6156, 0.1988,
0.1983

■ 27.4833, 0.1874,
0.1775

■ 23.2006, 0.1785,
0.1577

■ 20.2947, 0.1730,
0.1428

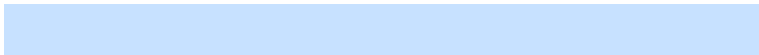
Harmonies

Analogous

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



73.2125, 0.2725, 0.3081



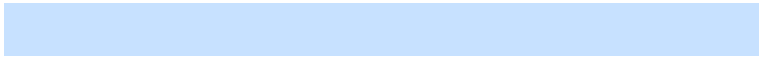
73.2125, 0.2776, 0.2966



73.2125, 0.2919, 0.2938

Triad

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



73.2125, 0.2776, 0.2966



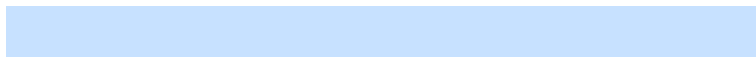
73.2125, 0.3490, 0.3302



73.2125, 0.3122, 0.3608

Complementary

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



73.2125, 0.2776, 0.2966



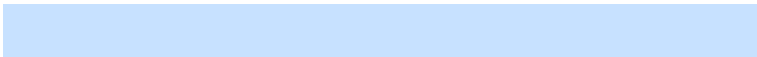
81.3915, 0.3512, 0.3594

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.



73.2125, 0.3330, 0.3664



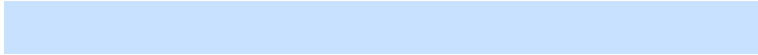
73.2125, 0.2776, 0.2966



73.2125, 0.3547, 0.3478

Square

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



73.2125, 0.2776, 0.2966



73.2125, 0.3332, 0.3129



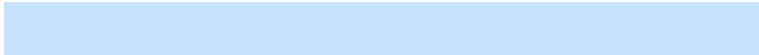
73.2125, 0.3487, 0.3613



73.2125, 0.2920, 0.3458

Rectangle

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



73.2125, 0.2776, 0.2966



73.2125, 0.3050, 0.2969



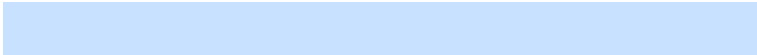
73.2125, 0.3487, 0.3613



73.2125, 0.3193, 0.3639

Sweetspot

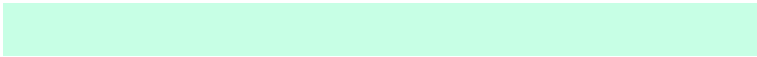
The Sweet Spot groups the original color and five complimentary colors.



73.2155, 0.2776, 0.2966



90.8255, 0.3019, 0.3195



89.2928, 0.2936, 0.3570



19.2772, 0.3009, 0.3187



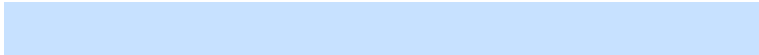
0.0000, 0.0000, 0.0000



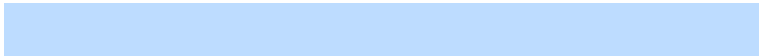
21.4041, 0.3127, 0.3290

Same Dimension

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



73.2155, 0.2776, 0.2966



68.9325, 0.2708, 0.2898



60.4590, 0.2767, 0.2676



18.7694, 0.2979, 0.3159



10.8989, 0.1738, 0.1458



1.2772, 0.1798, 0.1672

Inverse Universe

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



67.5348, 0.3373, 0.3027



62.6679, 0.3430, 0.2976



96.5291, 0.3447, 0.3842



18.1276, 0.3221, 0.3180



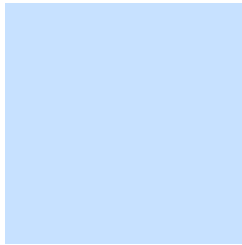
11.8282, 0.5114, 0.2591



1.1735, 0.4841, 0.2440

Previews

White Background



This preview shows how the Yxy color 73.2125, 0.2776, 0.2966 looks on a white background.

Color Contrast Check

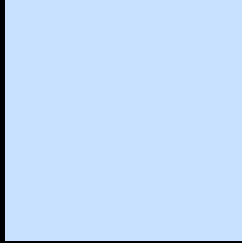
Large Text (above 18pt) WCAG AA × Fail

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 73.2125, 0.2776, 0.2966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

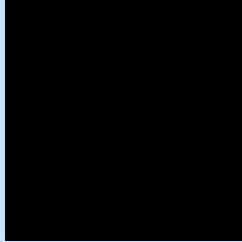
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

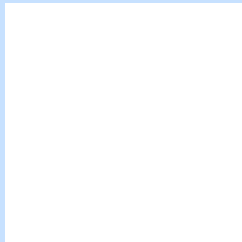
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.2125, 0.2776, 0.2966

Background



This preview shows how black text looks on a background with the Yxy color 73.2125, 0.2776, 0.2966.



This preview shows how white text looks on a background with the Yxy color 73.2125, 0.2776, 0.2966.

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

73.2125, 0.2776, 0.2966

Protanopia

72.9664, 0.2904, 0.2952

Deuteranopia

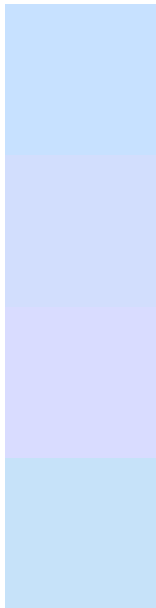
73.1766, 0.2952, 0.2898



Tritanopia

73.4011, 0.2821, 0.3092

Trichromacy



Original Color

73.2125, 0.2776, 0.2966

Protanomaly

73.0360, 0.2854, 0.2960

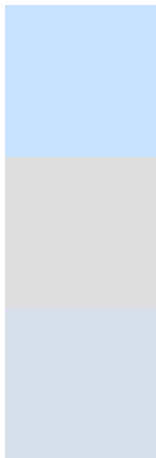
Deuteranomaly

73.1581, 0.2886, 0.2922

Tritanomaly

73.2380, 0.2804, 0.3039

Monochromacy



Original Color

73.2125, 0.2776, 0.2966

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.2719, 0.2994, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2125, 0.2776, 0.2966 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(199, 225, 255)` looks like.

```
.text, #text, p{  
    color:rgb(199, 225, 255)  
}
```

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(199, 225, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 225, 255) }
```

Border

The CSS property to change the border of an element to Yxy 73.2125, 0.2776, 0.2966 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(199, 225, 255) }
```

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

```
.border{ border-color:rgb(199, 225, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 225, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 225, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 225, 255);  
box-shadow:4px 4px 4px 4px rgb(199, 225,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 73.2125, 0.2776, 0.2966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 225, 255) }
```

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

```
.background{ background-color: rgb(199,  
225, 255) }
```

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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