

Converting Colors

$Yxy(72.1719, 0.2793, 0.2978)$

Have a look what the booklet for
Yxy(72.1719, 0.2793, 0.2978)
contains.

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Color

Yxy(71.9457, 0.2791, 0.2974)

Conversions

Conversions Part 1

Format	Color
Hex	C7DFFC
RGB	199, 223, 252
RGB Percent	78%, 87%, 99%
CMY	0.2195, 0.1255, 0.0116
CMYK	0.21, 0.12, 0.00, 0.01
HSL	213°, 90%, 88%
HSV	213°, 21%, 99%
XYZ	67.5186, 71.9457, 102.4513
YIQ	219.1300, -23.6130, 3.9310

Conversions

Conversions Part 2

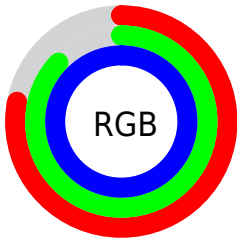
Format	Color
R _{YB}	199, 216, 252
Decimal	13099004
CIE Lab	87.94, -1.89, -16.77
CIE LCh	88, 16.877, 263.557
Yxy	71.9457, 0.2791, 0.2974
Android (android.graphics.Color)	4291289084 (0xFFC7DFFC)
YUV	219.1300, 16.2049, -17.6540
Hunter-Lab	84.8208, -6.3477, -12.2392

Details

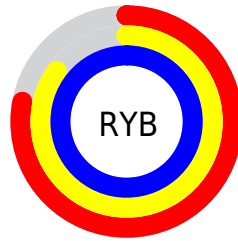
The Yxy color **71.9457, 0.2791, 0.2974** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.3435, 0.3492, 0.3587**, and the grayscale version is **70.8355, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.8747, 0.2713, 0.2907** is the 20% darker color. If you saturate the color by 10%, you get **61.7034, 0.2623, 0.2798**, and if you desaturate by 10%, it is **83.3662, 0.2955, 0.3133**.

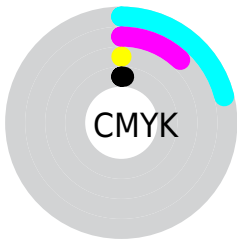
Distribution



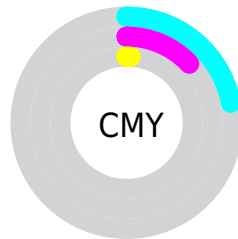
- Red (78%)
- Green (87%)
- Blue (99%)



- Red (78%)
- Yellow (85%)
- Blue (99%)



- Cyan (21%)
- Magenta (12%)
- Yellow (0%)
- Black (1%)



- Cyan (22%)
- Magenta (13%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.9457, 0.2791, 0.2974 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 71.9457, 0.2791, 0.2974 by changing the saturation by 10% instead.

■ 71.9457, 0.2791,
0.2974

■ 71.9457, 0.2791,
0.2974

467.3526, 0.2945,
0.3120

■ 53.1143, 0.2756,
0.2941

121.9793, 0.2844,
0.3025

■ 37.8940, 0.2713,
0.2900

153.9504, 0.2865,
0.3044

■ 25.9005, 0.2659,
0.2848

191.0701, 0.2883,
0.3061

■ 16.7492, 0.2589,
0.2781

233.7229, 0.2899,
0.3076

■ 10.0558, 0.2495,
0.2690

282.2931, 0.2913,
0.3089

■ 5.4360, 0.2361,
0.2560

337.1652, 0.2925,

■ 2.5053, 0.2159,

0.3101

0.2362

398.7236, 0.2936,
0.3111

0.8793, 0.1823,
0.2030

0.0000, 0.0000,
0.0000

71.9457, 0.2791,
0.2974

71.9457, 0.2791,
0.2974

61.7034, 0.2623,
0.2798

83.3662, 0.2955,
0.3133

52.5881, 0.2454,
0.2607

95.9961, 0.3111,
0.3276

44.5575, 0.2288,
0.2402

99.8105, 0.3144,
0.3318

37.5628, 0.2133,
0.2189

■ 31.5503, 0.1993,
0.1972

■ 26.4605, 0.1874,
0.1759

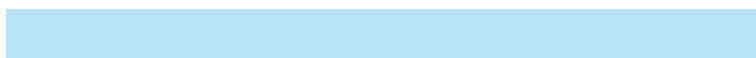
■ 22.2239, 0.1782,
0.1557

■ 19.0637, 0.1719,
0.1389

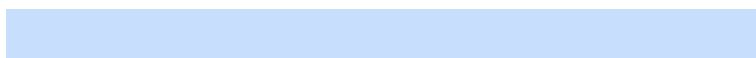
Harmonies

Analogous

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



71.9457, 0.2738, 0.3083



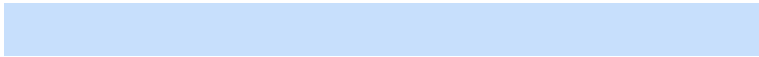
71.9457, 0.2791, 0.2974



71.9457, 0.2932, 0.2950

Triad

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



71.9457, 0.2791, 0.2974



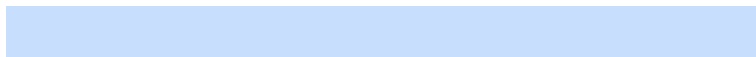
71.9457, 0.3481, 0.3308



71.9457, 0.3114, 0.3594

Complementary

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



71.9457, 0.2791, 0.2974



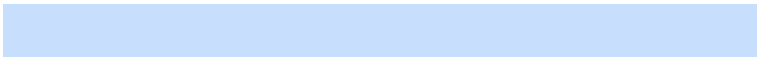
80.3435, 0.3492, 0.3587

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.



71.9457, 0.3316, 0.3651



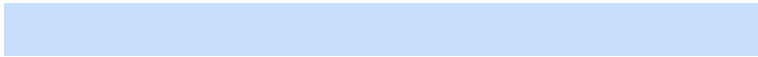
71.9457, 0.2791, 0.2974



71.9457, 0.3532, 0.3478

Square

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



71.9457, 0.2791, 0.2974



71.9457, 0.3332, 0.3140



71.9457, 0.3471, 0.3606



71.9457, 0.2921, 0.3445

Rectangle

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



71.9457, 0.2791, 0.2974



71.9457, 0.3061, 0.2982



71.9457, 0.3471, 0.3606



71.9457, 0.3183, 0.3624

Sweetspot

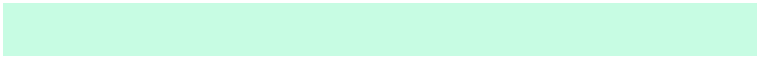
The Sweet Spot groups the original color and five complimentary colors.



71.9486, 0.2791, 0.2974



91.9822, 0.3035, 0.3207



87.3493, 0.2944, 0.3557



19.5071, 0.3024, 0.3198



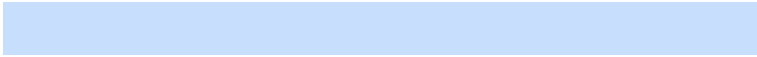
0.0000, 0.0000, 0.0000



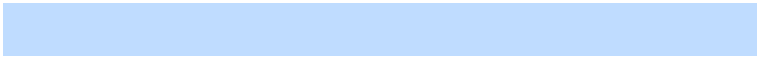
21.4041, 0.3127, 0.3290

Same Dimension

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



71.9486, 0.2791, 0.2974



69.5592, 0.2724, 0.2906



60.2731, 0.2784, 0.2705



17.9360, 0.2979, 0.3157



10.2130, 0.1728, 0.1420



1.1545, 0.1791, 0.1647

Inverse Universe

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



66.8844, 0.3365, 0.3046



63.8025, 0.3422, 0.2997



94.1402, 0.3434, 0.3818



17.3558, 0.3223, 0.3183



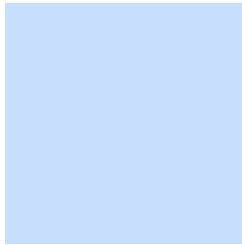
11.4419, 0.5164, 0.2619



1.0808, 0.4872, 0.2458

Previews

White Background



This preview shows how the Yxy color 71.9457, 0.2791, 0.2974 looks on a white background.

Color Contrast Check

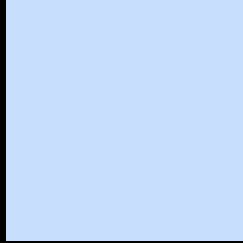
Large Text (above 18pt) WCAG AA × Fail

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 71.9457, 0.2791, 0.2974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

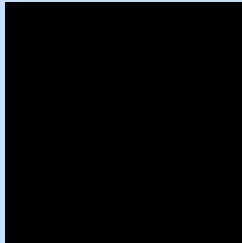
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

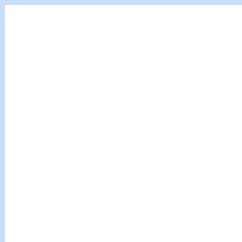
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.9457, 0.2791, 0.2974

Background



This preview shows how black text looks on a background with the Yxy color 71.9457, 0.2791, 0.2974.



This preview shows how white text looks on a background with the Yxy color 71.9457, 0.2791, 0.2974.

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

71.9457, 0.2791, 0.2974

Protanopia

71.9497, 0.2909, 0.2971

Deuteranopia

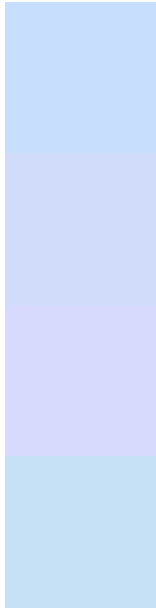
71.9254, 0.2951, 0.2886



Tritanopia

72.1315, 0.2837, 0.3102

Trichromacy



Original Color

71.9457, 0.2791, 0.2974

Protanomaly

71.6438, 0.2864, 0.2968

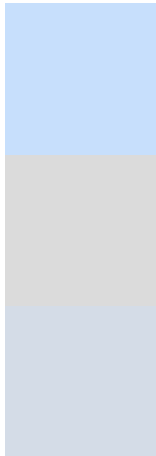
Deuteranomaly

71.8336, 0.2891, 0.2920

Tritanomaly

71.9709, 0.2820, 0.3048

Monochromacy



Original Color

71.9457, 0.2791, 0.2974

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.9530, 0.3000, 0.3169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.9457, 0.2791, 0.2974 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, 223, 252)` looks like.

```
.text, #text, p{  
    color:rgb(199, 223, 252)  
}
```

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, 223, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 223, 252) }
```

Border

The CSS property to change the border of an element to Yxy 71.9457, 0.2791, 0.2974 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, 223, 252) }
```

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

```
.border{ border-color:rgb(199, 223, 252) }
```

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

Here you see how a box with a 4 pixel rgb(199, 223, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 223, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 223, 252);  
box-shadow:4px 4px 4px 4px rgb(199, 223,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 71.9457, 0.2791, 0.2974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 223, 252) }
```

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

```
.background{ background-color: rgb(199,  
223, 252) }
```

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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