

Converting Colors

$Yxy(74.9925, 0.2722, 0.3080)$

Have a look what the booklet for
Yxy(74.9925, 0.2722, 0.3080)
contains.

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Color

Yxy(74.9925, 0.2722, 0.3080)

Conversions

Conversions Part 1

Format	Color
Hex	B9E8FB
RGB	185, 232, 251
RGB Percent	73%, 91%, 98%
CMY	0.2744, 0.0902, 0.0158
CMYK	0.26, 0.08, 0.00, 0.02
HSL	197°, 89%, 85%
HSV	197°, 26%, 98%
XYZ	66.2758, 74.9925, 102.2138
YIQ	220.1130, -34.1110, -4.0550

Conversions

Conversions Part 2

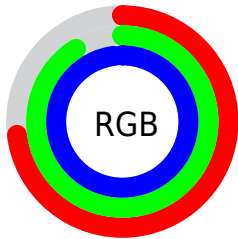
Format	Color
R _Y B	185, 212, 251
Decimal	12183803
CIE Lab	89.39, -10.89, -14.12
CIE LCh	89, 17.832, 232.379
Yxy	74.9925, 0.2722, 0.3080
Android (android.graphics.Color)	4290373883 (0xFFB9E8FB)
YUV	220.1130, 15.2273, -30.7941
Hunter-Lab	86.5982, -14.9362, -9.3626

Details

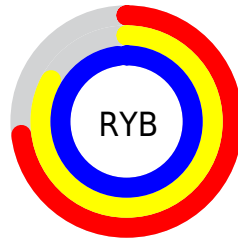
The Yxy color **74.9925, 0.2722, 0.3080** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.1834, 0.3643, 0.3490**, and the grayscale version is **71.5664, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **39.6915, 0.2630, 0.3029** is the 20% darker color. If you saturate the color by 10%, you get **68.1652, 0.2575, 0.2987**, and if you desaturate by 10%, it is **82.5435, 0.2875, 0.3166**.

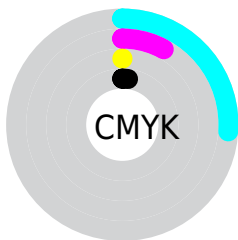
Distribution



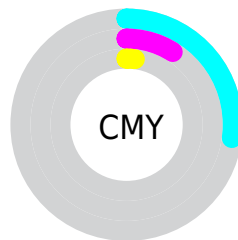
- Red (73%)
- Green (91%)
- Blue (98%)



- Red (73%)
- Yellow (83%)
- Blue (98%)



- Cyan (26%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (27%)
- Magenta (9%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.9925, 0.2722, 0.3080 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 74.9925, 0.2722, 0.3080 by changing the saturation by 10% instead.

■ 74.9925, 0.2722,
0.3080

■ 74.9925, 0.2722,
0.3080

477.8918, 0.2906,
0.3179

■ 55.6067, 0.2681,
0.3057

■ 126.3017, 0.2785,
0.3115

■ 39.8877, 0.2631,
0.3029

158.9940, 0.2810,
0.3128

■ 27.4510, 0.2568,
0.2992

196.8906, 0.2831,
0.3139

■ 17.9122, 0.2487,
0.2945

240.3759, 0.2850,
0.3149

■ 10.8870, 0.2379,
0.2879

289.8342, 0.2866,
0.3158

■ 5.9909, 0.2229,
0.2784

345.6501, 0.2881,

■ 2.8395, 0.2006,

0.3166

0.2635

408.2078, 0.2894,
0.3173

■ 1.0485, 0.1637,
0.2376

■ 0.0000, 0.0000,
0.0000

■ 74.9925, 0.2722,
0.3080

■ 74.9925, 0.2722,
0.3080

■ 68.1652, 0.2575,
0.2987

■ 82.5435, 0.2875,
0.3166

■ 62.0216, 0.2436,
0.2887

■ 90.8380, 0.3030,
0.3245

■ 56.5310, 0.2311,
0.2783

■ 98.8837, 0.3151,
0.3316

■ 51.6566, 0.2201,
0.2675

■ 99.7425, 0.3150,
0.3329

■ 47.3564, 0.2110,
0.2565

■ 43.5820, 0.2040,
0.2455

■ 40.2732, 0.1990,
0.2347

■ 39.1255, 0.1974,
0.2306

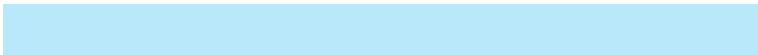
Harmonies

Analogous

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



74.9925, 0.2774, 0.3261



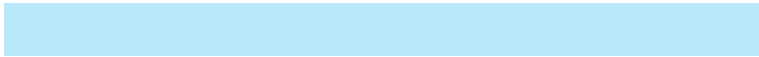
74.9925, 0.2722, 0.3080



74.9925, 0.2773, 0.2964

Triad

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



74.9925, 0.2722, 0.3080



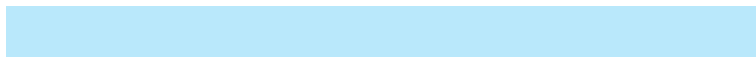
74.9925, 0.3333, 0.3127



74.9925, 0.3331, 0.3667

Complementary

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



74.9925, 0.2722, 0.3080



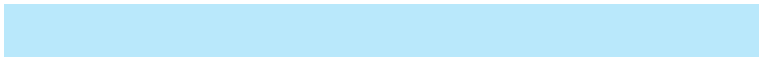
67.1834, 0.3643, 0.3490

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.



74.9925, 0.3490, 0.3615



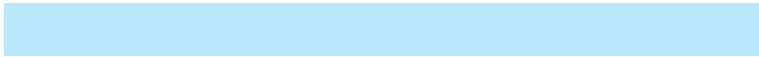
74.9925, 0.2722, 0.3080



74.9925, 0.3492, 0.3301

Square

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



74.9925, 0.2722, 0.3080



74.9925, 0.3121, 0.2995



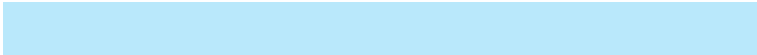
74.9925, 0.3550, 0.3479



74.9925, 0.3122, 0.3611

Rectangle

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



74.9925, 0.2722, 0.3080



74.9925, 0.2860, 0.2935



74.9925, 0.3550, 0.3479



74.9925, 0.3393, 0.3661

Sweetspot

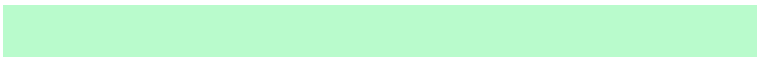
The Sweet Spot groups the original color and five complimentary colors.



74.9955, 0.2722, 0.3080



92.6490, 0.3003, 0.3232



83.6323, 0.2990, 0.3825



19.5471, 0.2980, 0.3220



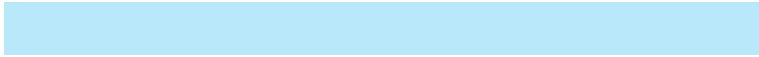
0.0000, 0.0000, 0.0000



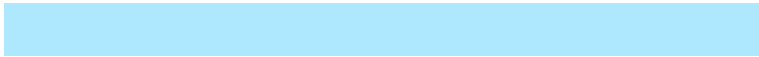
21.4041, 0.3127, 0.3290

Same Dimension

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



74.9955, 0.2722, 0.3080



73.6043, 0.2636, 0.3027



58.2712, 0.2686, 0.2703



18.7159, 0.2980, 0.3220



20.8354, 0.1979, 0.2324



2.1111, 0.2015, 0.2454

Inverse Universe

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



61.0376, 0.3303, 0.2812



57.1008, 0.3351, 0.2704



84.3855, 0.3559, 0.3816



17.4345, 0.3182, 0.3122



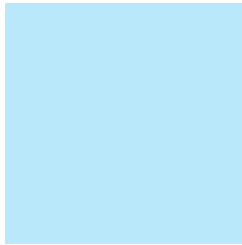
12.5142, 0.4101, 0.2033



1.1773, 0.3969, 0.1960

Previews

White Background



This preview shows how the Yxy color 74.9925, 0.2722, 0.3080 looks on a white background.

Color Contrast Check

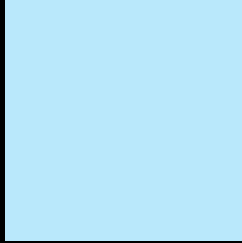
Large Text (above 18pt) WCAG AA × Fail

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 74.9925, 0.2722, 0.3080 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 74.9925, 0.2722, 0.3080

Background



This preview shows how black text looks on a background with the Yxy color 74.9925, 0.2722, 0.3080.

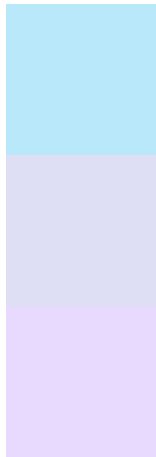


This preview shows how white text looks on a background with the Yxy color 74.9925, 0.2722, 0.3080.

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

74.9925, 0.2722, 0.3080

Protanopia

74.8975, 0.2981, 0.3058

Deuteranopia

74.4544, 0.2992, 0.2922



Tritanopia

74.9925, 0.2722, 0.3080

Trichromacy



Original Color

74.9925, 0.2722, 0.3080

Protanomaly

74.6634, 0.2884, 0.3064

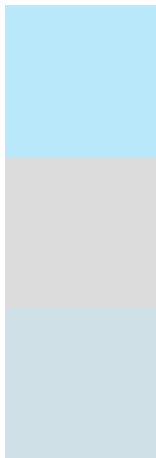
Deuteranomaly

74.3143, 0.2887, 0.2973

Tritanomaly

74.9925, 0.2722, 0.3080

Monochromacy



Original Color

74.9925, 0.2722, 0.3080

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.3462, 0.2967, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9925, 0.2722, 0.3080 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(185, 232, 251)` looks like.

```
.text, #text, p{  
    color:rgb(185, 232, 251)  
}
```

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(185, 232, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 232, 251) }
```

Border

The CSS property to change the border of an element to Yxy 74.9925, 0.2722, 0.3080 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(185, 232, 251) }
```

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

```
.border{ border-color:rgb(185, 232, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 232, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 232, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 232, 251);  
box-shadow:4px 4px 4px 4px rgb(185, 232,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9925, 0.2722, 0.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 232, 251) }
```

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

```
.background{ background-color: rgb(185,  
232, 251) }
```

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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