

Converting Colors

$Y_{xy}(74.2969, 0.2729, 0.2978)$

Have a look what the booklet for
Yxy(74.2969, 0.2729, 0.2978)
contains.

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Color

Yxy(74.0443, 0.2743, 0.2996)

Conversions

Conversions Part 1

Format	Color
Hex	C1E4FF
RGB	193, 228, 255
RGB Percent	76%, 89%, 100%
CMY	0.2429, 0.1059, 0.0001
CMYK	0.24, 0.11, 0.00, 0.00
HSL	206°, 100%, 88%
HSV	206°, 24%, 100%
XYZ	67.7916, 74.0443, 105.3080
YIQ	220.6130, -29.5270, 0.9770

Conversions

Conversions Part 2

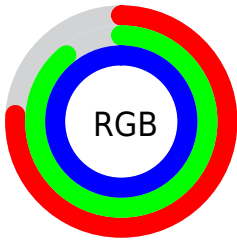
Format	Color
R_{YB}	193, 215, 255
Decimal	12707071
CIE _{Lab}	88.94, -5.61, -16.85
CIE _{LCh}	89, 17.759, 251.591
Yxy	74.0443, 0.2743, 0.2996
Android (android.graphics.Color)	4290897151 (0xFFC1E4FF)
YUV	220.6130, 16.9528, -24.2166
Hunter-Lab	86.0490, -9.9590, -12.3257

Details

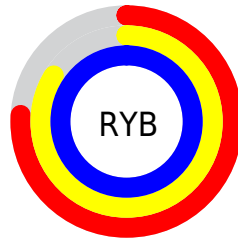
The Yxy color **74.0443, 0.2743, 0.2996** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76.3117, 0.3574, 0.3567**, and the grayscale version is **71.9223, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **39.3676, 0.2655, 0.2935** is the 20% darker color. If you saturate the color by 10%, you get **65.0617, 0.2583, 0.2854**, and if you desaturate by 10%, it is **84.0034, 0.2903, 0.3126**.

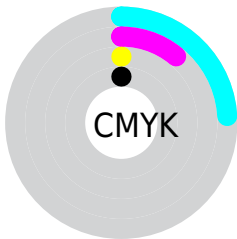
Distribution



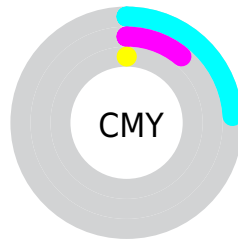
- Red (76%)
- Green (89%)
- Blue (100%)



- Red (76%)
- Yellow (84%)
- Blue (100%)



- Cyan (24%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.0443, 0.2743, 0.2996 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 74.0443, 0.2743, 0.2996 by changing the saturation by 10% instead.

■ 74.0443, 0.2743,
0.2996

■ 74.0443, 0.2743,
0.2996

■ 474.6262, 0.2918,
0.3132

■ 54.8303, 0.2704,
0.2965

■ 124.9586, 0.2803,
0.3043

■ 39.2659, 0.2656,
0.2927

■ 157.4277, 0.2827,
0.3062

■ 26.9666, 0.2595,
0.2878

■ 195.0839, 0.2847,
0.3078

■ 17.5482, 0.2518,
0.2815

■ 238.3117, 0.2865,
0.3091

■ 10.6261, 0.2414,
0.2729

■ 287.4955, 0.2880,
0.3103

■ 5.8160, 0.2269,
0.2608

■ 343.0195, 0.2894,

■ 2.7335, 0.2054,

0.3114

0.2421

405.2683, 0.2907,
0.3124

0.9942, 0.1705,
0.2108

0.0000, 0.0000,
0.0000

74.0443, 0.2743,
0.2996

74.0443, 0.2743,
0.2996

65.0617, 0.2583,
0.2854

84.0034, 0.2903,
0.3126

57.0096, 0.2426,
0.2700

94.9647, 0.3061,
0.3244

49.8514, 0.2278,
0.2537

99.9987, 0.3127,
0.3290

43.5436, 0.2144,
0.2368

■ 38.0380, 0.2026,
0.2196

■ 33.2796, 0.1931,
0.2025

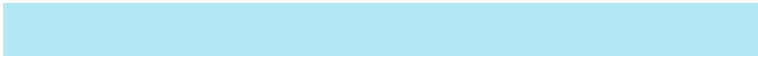
■ 29.2029, 0.1858,
0.1859

■ 27.1304, 0.1824,
0.1768

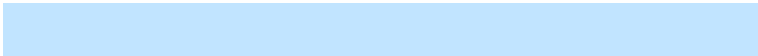
Harmonies

Analogous

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



74.0443, 0.2729, 0.3140



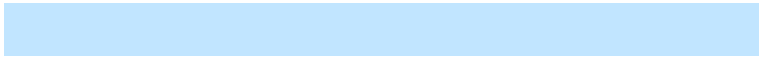
74.0443, 0.2743, 0.2996



74.0443, 0.2856, 0.2935

Triad

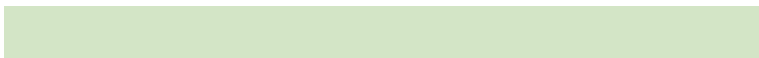
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.0443, 0.2743, 0.2996



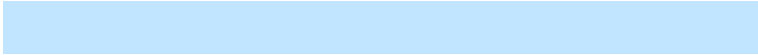
74.0443, 0.3445, 0.3236



74.0443, 0.3200, 0.3644

Complementary

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



74.0443, 0.2743, 0.2996



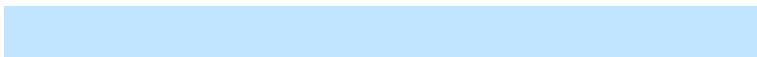
76.3117, 0.3574, 0.3567

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.



74.0443, 0.3397, 0.3660



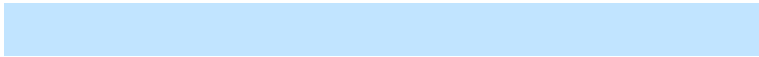
74.0443, 0.2743, 0.2996



74.0443, 0.3543, 0.3417

Square

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



74.0443, 0.2743, 0.2996



74.0443, 0.3260, 0.3073



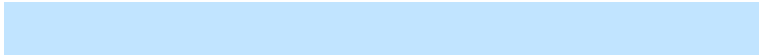
74.0443, 0.3524, 0.3574



74.0443, 0.2988, 0.3523

Rectangle

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



74.0443, 0.2743, 0.2996



74.0443, 0.2975, 0.2945



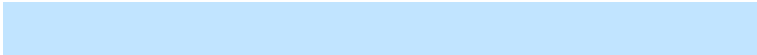
74.0443, 0.3524, 0.3574



74.0443, 0.3270, 0.3662

Sweetspot

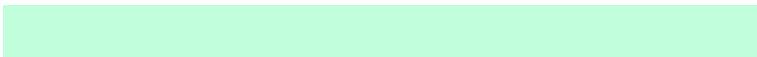
The Sweet Spot groups the original color and five complimentary colors.



74.0473, 0.2743, 0.2996



91.9082, 0.3019, 0.3213



88.0119, 0.2950, 0.3674



19.5279, 0.3009, 0.3206



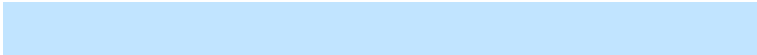
0.0000, 0.0000, 0.0000



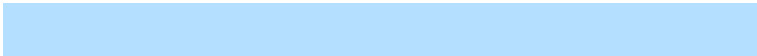
21.4041, 0.3127, 0.3290

Same Dimension

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



74.0473, 0.2743, 0.2996



69.7077, 0.2667, 0.2930



58.5757, 0.2713, 0.2646



19.0788, 0.2979, 0.3184



14.4814, 0.1832, 0.1794



1.6275, 0.1883, 0.1980

Inverse Universe

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



65.0188, 0.3357, 0.2937



59.6439, 0.3414, 0.2866



94.0095, 0.3504, 0.3862



18.1588, 0.3205, 0.3157



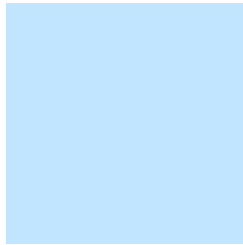
12.1899, 0.4692, 0.2359



1.2088, 0.4476, 0.2239

Previews

White Background



This preview shows how the Yxy color 74.0443, 0.2743, 0.2996 looks on a white background.

Color Contrast Check

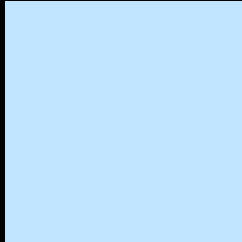
Large Text (above 18pt) WCAG AA × Fail

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 74.0443, 0.2743, 0.2996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

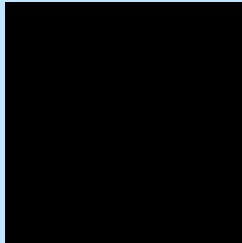
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

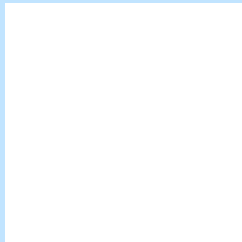
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.0443, 0.2743, 0.2996

Background



This preview shows how black text looks on a background with the Yxy color 74.0443, 0.2743, 0.2996.



This preview shows how white text looks on a background with the Yxy color 74.0443, 0.2743, 0.2996.

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

74.0443, 0.2743, 0.2996

Protanopia

73.7380, 0.2924, 0.2975

Deuteranopia

73.8568, 0.2959, 0.2909



Tritanopia

74.0224, 0.2776, 0.3080

Trichromacy



Original Color

74.0443, 0.2743, 0.2996

Protanomaly

74.0412, 0.2861, 0.2992

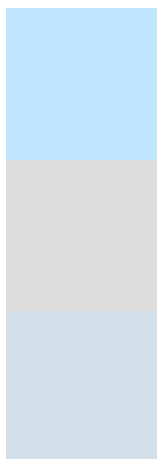
Deuteranomaly

73.9096, 0.2874, 0.2943

Tritanomaly

74.2101, 0.2759, 0.3049

Monochromacy



Original Color

74.0443, 0.2743, 0.2996

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.0434, 0.2981, 0.3192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0443, 0.2743, 0.2996 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(193, 228, 255)` looks like.

```
.text, #text, p{  
    color:rgb(193, 228, 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(193, 228, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 228, 255) }
```

Border

The CSS property to change the border of an element to Yxy 74.0443, 0.2743, 0.2996 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(193, 228, 255) }
```

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

```
.border{ border-color:rgb(193, 228, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 228, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 228, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 228, 255);  
box-shadow:4px 4px 4px 4px rgb(193, 228,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0443, 0.2743, 0.2996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 228, 255) }
```

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

```
.background{ background-color: rgb(193,  
228, 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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