

Converting Colors

$Yxy(71.5705, 0.2665, 0.2784)$

Have a look what the booklet for
Yxy(71.5705, 0.2665, 0.2784)
contains.

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Color

Yxy(70.9319, 0.2743, 0.2929)

Conversions

Conversions Part 1

Format	Color
Hex	C2DEFF
RGB	194, 222, 255
RGB Percent	76%, 87%, 100%
CMY	0.2391, 0.1294, 0.0000
CMYK	0.24, 0.13, 0.00, 0.00
HSL	212°, 100%, 88%
HSV	212°, 24%, 100%
XYZ	66.4275, 70.9319, 104.8116
YIQ	217.3900, -27.2810, 4.3270

Conversions

Conversions Part 2

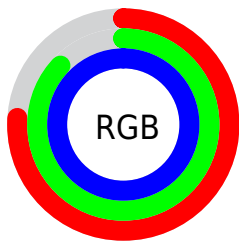
Format	Color
R_{YB}	194, 213, 255
Decimal	12771071
CIE _{Lab}	87.45, -2.20, -19.11
CIE _{LCh}	87, 19.236, 263.445
Yxy	70.9319, 0.2743, 0.2929
Android (android.graphics.Color)	4290961151 (0xFFC2DEFF)
YUV	217.3900, 18.5417, -20.5130
Hunter-Lab	84.2211, -6.5989, -14.8306

Details

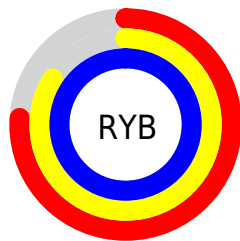
The Yxy color **70.9319, 0.2743, 0.2929** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **80.1165, 0.3551, 0.3626**, and the grayscale version is **69.5583, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **37.2036, 0.2653, 0.2848** is the 20% darker color. If you saturate the color by 10%, you get **60.8079, 0.2575, 0.2751**, and if you desaturate by 10%, it is **82.2388, 0.2908, 0.3092**.

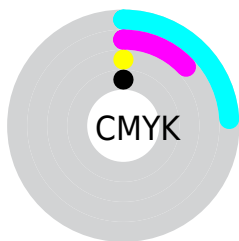
Distribution



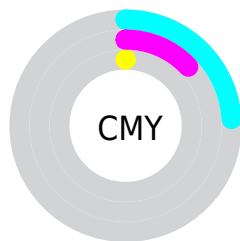
- Red (76%)
- Green (87%)
- Blue (100%)



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



- Cyan (24%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.9319, 0.2743, 0.2929 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 70.9319, 0.2743, 0.2929 by changing the saturation by 10% instead.

70.9319, 0.2743,
0.2929

70.9319, 0.2743,
0.2929

463.8153, 0.2920,
0.3096

52.2866, 0.2703,
0.2891

120.5368, 0.2804,
0.2987

37.2336, 0.2654,
0.2844

152.2651, 0.2828,
0.3009

25.3884, 0.2592,
0.2785

189.1233, 0.2848,
0.3029

16.3667, 0.2512,
0.2708

231.4957, 0.2866,
0.3046

9.7840, 0.2405,
0.2604

279.7667, 0.2882,
0.3061

5.2560, 0.2254,
0.2457

334.3207, 0.2896,

2.3982, 0.2027,

0.3074

0.2234

395.5421, 0.2908,
0.3086

0.8250, 0.1649,
0.1863

0.0000, 0.0000,
0.0000

70.9319, 0.2743,
0.2929

70.9319, 0.2743,
0.2929

60.8079, 0.2575,
0.2751

82.2388, 0.2908,
0.3092

51.8176, 0.2407,
0.2557

94.7646, 0.3067,
0.3237

43.9160, 0.2244,
0.2352

100.0000, 0.3127,
0.3290

37.0519, 0.2093,
0.2140

■ 31.1693, 0.1960,
0.1926

■ 26.2049, 0.1849,
0.1717

■ 22.0844, 0.1765,
0.1521

■ 19.9307, 0.1725,
0.1408

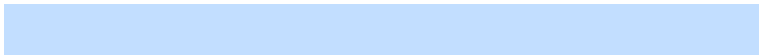
Harmonies

Analogous

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



70.9319, 0.2683, 0.3052



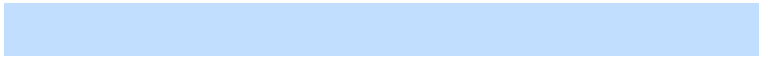
70.9319, 0.2743, 0.2929



70.9319, 0.2903, 0.2902

Triad

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



70.9319, 0.2743, 0.2929



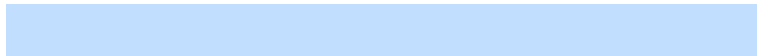
70.9319, 0.3533, 0.3309



70.9319, 0.3112, 0.3640

Complementary

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



70.9319, 0.2743, 0.2929



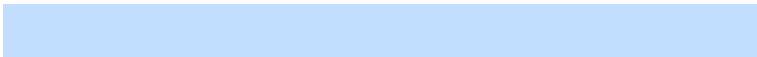
80.1165, 0.3551, 0.3626

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.



70.9319, 0.3343, 0.3705



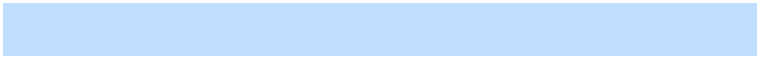
70.9319, 0.2743, 0.2929



70.9319, 0.3592, 0.3502

Square

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



70.9319, 0.2743, 0.2929



70.9319, 0.3361, 0.3118



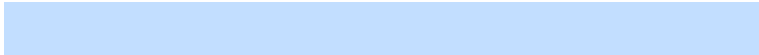
70.9319, 0.3521, 0.3650



70.9319, 0.2891, 0.3469

Rectangle

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



70.9319, 0.2743, 0.2929



70.9319, 0.3049, 0.2939



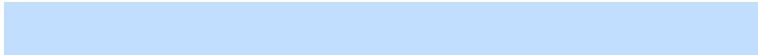
70.9319, 0.3521, 0.3650



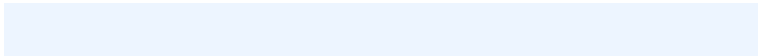
70.9319, 0.3191, 0.3675

Sweetspot

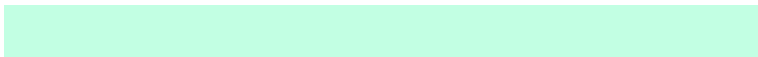
The Sweet Spot groups the original color and five complimentary colors.



70.9336, 0.2743, 0.2929



90.7589, 0.3019, 0.3194



88.5151, 0.2920, 0.3598



19.2618, 0.3009, 0.3185



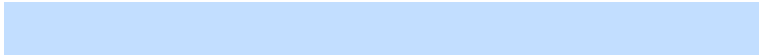
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



70.9336, 0.2743, 0.2929



65.6329, 0.2657, 0.2840



57.5636, 0.2730, 0.2614



18.7504, 0.2979, 0.3158



10.7048, 0.1733, 0.1438



1.2577, 0.1793, 0.1654

Inverse Universe

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



65.1326, 0.3403, 0.3006



59.2326, 0.3480, 0.2943



96.2932, 0.3476, 0.3892



18.1257, 0.3222, 0.3181



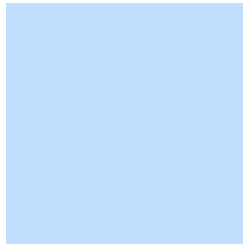
11.8086, 0.5140, 0.2605



1.1715, 0.4864, 0.2453

Previews

White Background



This preview shows how the Yxy color 70.9319, 0.2743, 0.2929 looks on a white background.

Color Contrast Check

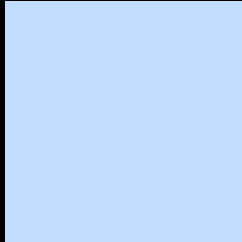
Large Text (above 18pt) WCAG AA × Fail

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 70.9319, 0.2743, 0.2929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

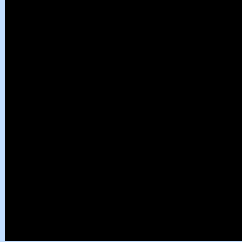
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

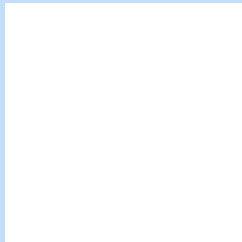
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.9319, 0.2743, 0.2929

Background



This preview shows how black text looks on a background with the Yxy color 70.9319, 0.2743, 0.2929.



This preview shows how white text looks on a background with the Yxy color 70.9319, 0.2743, 0.2929.

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

70.9319, 0.2743, 0.2929

Protanopia

70.8001, 0.2877, 0.2917

Deuteranopia

70.8427, 0.2918, 0.2862



Tritanopia

70.7985, 0.2799, 0.3088

Trichromacy



Original Color

70.9319, 0.2743, 0.2929

Protanomaly

70.8767, 0.2827, 0.2924

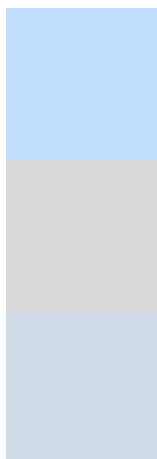
Deuteranomaly

70.8428, 0.2853, 0.2886

Tritanomaly

70.6972, 0.2776, 0.3023

Monochromacy



Original Color

70.9319, 0.2743, 0.2929

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.9879, 0.2980, 0.3157

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.9319, 0.2743, 0.2929 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(194, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 222, 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(194, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 222, 255) }
```

Border

The CSS property to change the border of an element to Yxy 70.9319, 0.2743, 0.2929 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(194, 222, 255) }
```

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

```
.border{ border-color:rgb(194, 222, 255) }
```

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

Here you see how a box with a 4 pixel rgb(194, 222, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 222, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 222, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 222,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 70.9319, 0.2743, 0.2929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 222, 255) }
```

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

```
.background{ background-color: rgb(194,  
222, 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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