

Converting Colors

$Y_{xy}(71.0009, 0.2733, 0.2935)$

Have a look what the booklet for
Yxy(71.0009, 0.2733, 0.2935)
contains.

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Color

Yxy(71.2018, 0.2732, 0.2939)

Conversions

Conversions Part 1

Format	Color
Hex	C0DFFF
RGB	192, 223, 255
RGB Percent	75%, 87%, 100%
CMY	0.2469, 0.1255, 0.0000
CMYK	0.25, 0.13, 0.00, 0.00
HSL	211°, 100%, 88%
HSV	211°, 25%, 100%
XYZ	66.1869, 71.2018, 104.8767
YIQ	217.3790, -28.7480, 3.3800

Conversions

Conversions Part 2

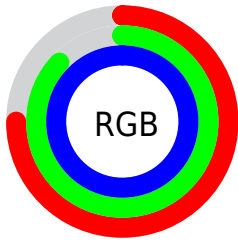
Format	Color
R _Y B	192, 213, 255
Decimal	12640255
CIE Lab	87.58, -3.30, -18.92
CIE LCh	88, 19.210, 260.117
Yxy	71.2018, 0.2732, 0.2939
Android (android.graphics.Color)	4290830335 (0xFFC0DFFF)
YUV	217.3790, 18.5472, -22.2574
Hunter-Lab	84.3812, -7.6552, -14.6243

Details

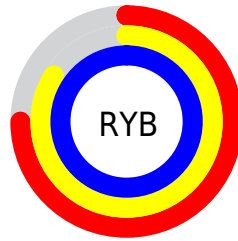
The Yxy color **71.2018, 0.2732, 0.2939** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **78.4112, 0.3572, 0.3617**, and the grayscale version is **69.5529, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **37.4008, 0.2640, 0.2861** is the 20% darker color. If you saturate the color by 10%, you get **61.4919, 0.2566, 0.2771**, and if you desaturate by 10%, it is **82.0225, 0.2896, 0.3093**.

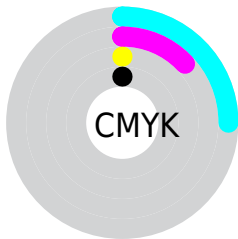
Distribution



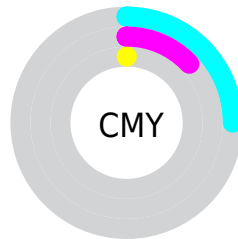
- Red (75%)
- Green (87%)
- Blue (100%)



- Red (75%)
- Yellow (84%)
- Blue (100%)



- Cyan (25%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.2018, 0.2732, 0.2939 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 71.2018, 0.2732, 0.2939 by changing the saturation by 10% instead.

■ 71.2018, 0.2732,
0.2939

■ 71.2018, 0.2732,
0.2939

■ 464.7586, 0.2913,
0.3102

■ 52.5069, 0.2691,
0.2902

■ 120.9210, 0.2795,
0.2995

■ 37.4093, 0.2641,
0.2856

■ 152.7141, 0.2819,
0.3017

■ 25.5245, 0.2578,
0.2798

■ 189.6421, 0.2840,
0.3036

■ 16.4683, 0.2496,
0.2723

■ 232.0893, 0.2858,
0.3053

■ 9.8561, 0.2386,
0.2621

■ 280.4402, 0.2875,
0.3067

■ 5.3037, 0.2232,
0.2477

■ 335.0791, 0.2889,

■ 2.4265, 0.2002,

0.3080

0.2257

396.3904, 0.2902,
0.3091

0.8395, 0.1617,
0.1892

0.0000, 0.0000,
0.0000

71.2018, 0.2732,
0.2939

71.2018, 0.2732,
0.2939

61.4919, 0.2566,
0.2771

82.0225, 0.2896,
0.3093

52.8460, 0.2402,
0.2589

93.9878, 0.3055,
0.3231

45.2213, 0.2245,
0.2397

100.0000, 0.3127,
0.3290

38.5693, 0.2100,
0.2197

■ 32.8365, 0.1973,
0.1996

■ 27.9620, 0.1868,
0.1798

■ 23.8737, 0.1789,
0.1611

■ 21.9724, 0.1755,
0.1516

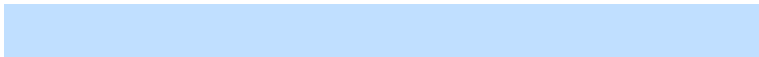
Harmonies

Analogous

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



71.2018, 0.2685, 0.3072



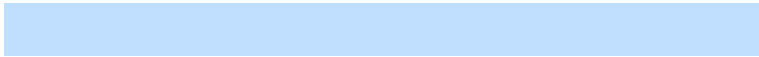
71.2018, 0.2732, 0.2939



71.2018, 0.2882, 0.2902

Triad

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



71.2018, 0.2732, 0.2939



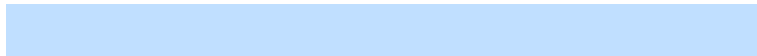
71.2018, 0.3518, 0.3286



71.2018, 0.3139, 0.3652

Complementary

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



71.2018, 0.2732, 0.2939



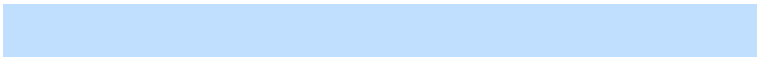
78.4112, 0.3572, 0.3617

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.



71.2018, 0.3366, 0.3704



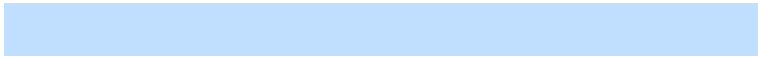
71.2018, 0.2732, 0.2939



71.2018, 0.3591, 0.3482

Square

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



71.2018, 0.2732, 0.2939



71.2018, 0.3336, 0.3099



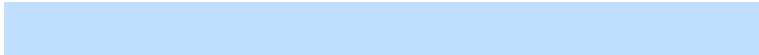
71.2018, 0.3534, 0.3637



71.2018, 0.2914, 0.3491

Rectangle

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



71.2018, 0.2732, 0.2939



71.2018, 0.3024, 0.2931



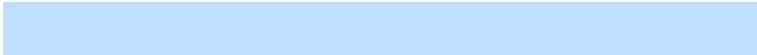
71.2018, 0.3534, 0.3637



71.2018, 0.3217, 0.3683

Sweetspot

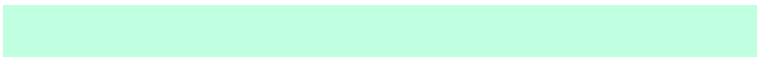
The Sweet Spot groups the original color and five complimentary colors.



71.2035, 0.2732, 0.2939



91.1154, 0.3019, 0.3200



88.0891, 0.2924, 0.3633



19.3443, 0.3009, 0.3192



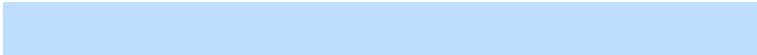
0.0000, 0.0000, 0.0000



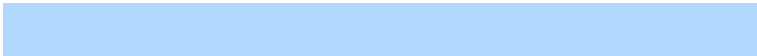
21.4041, 0.3127, 0.3290

Same Dimension

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



71.2035, 0.2732, 0.2939



65.9076, 0.2644, 0.2852



56.1544, 0.2701, 0.2586



18.8521, 0.2979, 0.3166



11.7784, 0.1763, 0.1545



1.3648, 0.1821, 0.1753

Inverse Universe

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



64.3086, 0.3398, 0.2976



58.2632, 0.3474, 0.2905



96.5880, 0.3502, 0.3909



18.1359, 0.3217, 0.3174



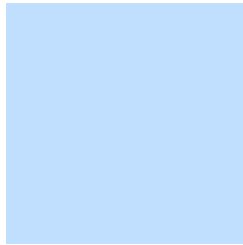
11.9170, 0.5000, 0.2528



1.1823, 0.4741, 0.2386

Previews

White Background



This preview shows how the Yxy color 71.2018, 0.2732, 0.2939 looks on a white background.

Color Contrast Check

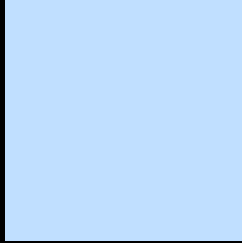
Large Text (above 18pt) WCAG AA × Fail

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 71.2018, 0.2732, 0.2939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

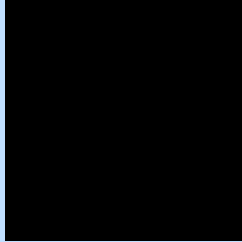
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

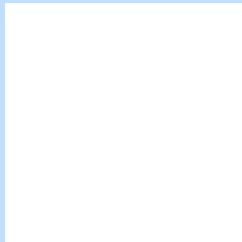
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.2018, 0.2732, 0.2939

Background



This preview shows how black text looks on a background with the Yxy color 71.2018, 0.2732, 0.2939.

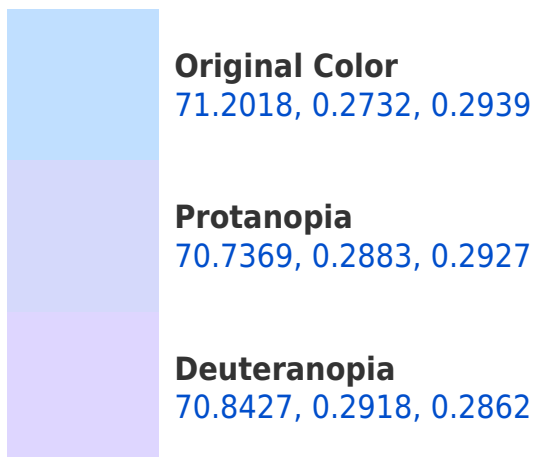


This preview shows how white text looks on a background with the Yxy color 71.2018, 0.2732, 0.2939.

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





Tritanopia

71.2686, 0.2788, 0.3088

Trichromacy



Original Color

71.2018, 0.2732, 0.2939

Protanomaly

70.6704, 0.2826, 0.2934

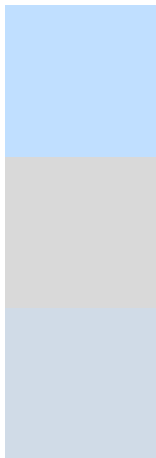
Deuteranomaly

70.6946, 0.2846, 0.2885

Tritanomaly

71.1031, 0.2771, 0.3034

Monochromacy



Original Color

71.2018, 0.2732, 0.2939

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.8425, 0.2973, 0.3157

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.2018, 0.2732, 0.2939 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(192, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(192, 223, 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(192, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 223, 255) }
```

Border

The CSS property to change the border of an element to Yxy 71.2018, 0.2732, 0.2939 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(192, 223, 255) }
```

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

```
.border{ border-color:rgb(192, 223, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(192, 223,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 71.2018, 0.2732, 0.2939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 223, 255) }
```

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

```
.background{ background-color: rgb(192,  
223, 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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