

Converting Colors

$Yxy(72.2742, 0.2768, 0.3028)$

Have a look what the booklet for
Yxy(72.2742, 0.2768, 0.3028)
contains.

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Color

Yxy(72.4387, 0.2768, 0.3036)

Conversions

Conversions Part 1

Format	Color
Hex	C0E2F9
RGB	192, 226, 249
RGB Percent	75%, 89%, 98%
CMY	0.2468, 0.1138, 0.0236
CMYK	0.23, 0.09, 0.00, 0.02
HSL	204°, 83%, 86%
HSV	204°, 23%, 98%
XYZ	66.0442, 72.4387, 100.1162
YIQ	218.4560, -27.6470, -0.0550

Conversions

Conversions Part 2

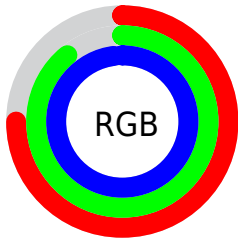
Format	Color
R _{YB}	192, 213, 249
Decimal	12641017
CIE Lab	88.18, -6.19, -14.86
CIE LCh	88, 16.098, 247.400
Yxy	72.4387, 0.2768, 0.3036
Android (android.graphics.Color)	4290831097 (0xFFC0E2F9)
YUV	218.4560, 15.0582, -23.2019
Hunter-Lab	85.1109, -10.4320, -10.1653

Details

The Yxy color **72.4387, 0.2768, 0.3036** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.5827, 0.3547, 0.3531**, and the grayscale version is **70.3594, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **38.3793, 0.2686, 0.2973** is the 20% darker color. If you saturate the color by 10%, you get **64.1483, 0.2610, 0.2906**, and if you desaturate by 10%, it is **81.6060, 0.2927, 0.3155**.

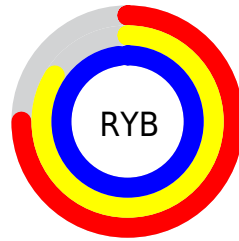
Distribution



Red (75%)

Green (89%)

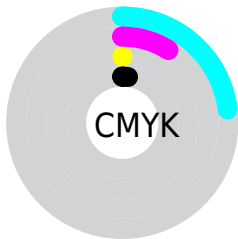
Blue (98%)



Red (75%)

Yellow (84%)

Blue (98%)

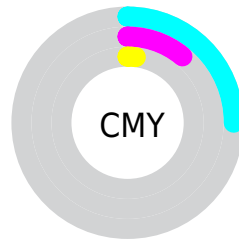


Cyan (23%)

Magenta (9%)

Yellow (0%)

Black (2%)



Cyan (25%)

Magenta (11%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.4387, 0.2768, 0.3036 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 72.4387, 0.2768, 0.3036 by changing the saturation by 10% instead.

■ 72.4387, 0.2768,
0.3036

■ 72.4387, 0.2768,
0.3036

■ 469.0671, 0.2932,
0.3155

■ 53.5171, 0.2731,
0.3009

■ 122.6800, 0.2825,
0.3077

■ 38.2157, 0.2685,
0.2975

■ 154.7686, 0.2847,
0.3093

■ 26.1502, 0.2628,
0.2932

■ 192.0149, 0.2866,
0.3107

■ 16.9360, 0.2554,
0.2876

■ 234.8034, 0.2883,
0.3119

■ 10.1889, 0.2455,
0.2799

■ 283.5185, 0.2897,
0.3130

■ 5.5244, 0.2314,
0.2689

■ 338.5446, 0.2910,

■ 2.5581, 0.2103,

0.3139

0.2517

400.2660, 0.2922,
0.3147

0.9056, 0.1741,
0.2222

0.0000, 0.0000,
0.0000

72.4387, 0.2768,
0.3036

72.4387, 0.2768,
0.3036

64.1483, 0.2610,
0.2906

81.6060, 0.2927,
0.3155

56.6928, 0.2456,
0.2766

91.6723, 0.3083,
0.3261

50.0395, 0.2311,
0.2618

99.6191, 0.3162,
0.3347

44.1496, 0.2179,
0.2462

■ 38.9800, 0.2064,
0.2304

■ 34.4816, 0.1969,
0.2145

■ 30.5961, 0.1897,
0.1990

■ 28.1390, 0.1856,
0.1883

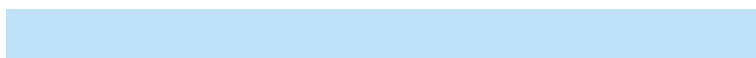
Harmonies

Analogous

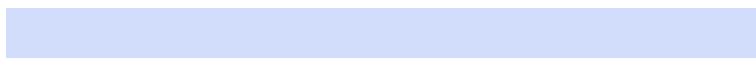
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.4387, 0.2769, 0.3177



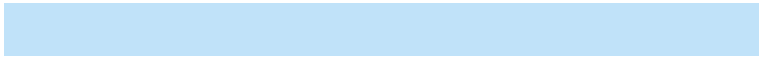
72.4387, 0.2768, 0.3036



72.4387, 0.2860, 0.2968

Triad

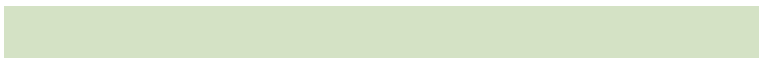
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.4387, 0.2768, 0.3036



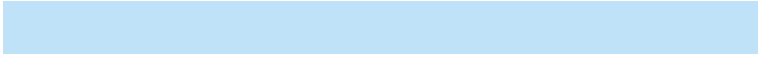
72.4387, 0.3397, 0.3218



72.4387, 0.3221, 0.3620

Complementary

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



72.4387, 0.2768, 0.3036



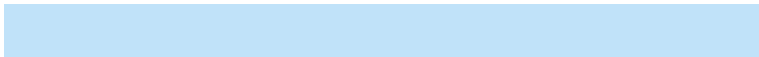
72.5827, 0.3547, 0.3531

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.



72.4387, 0.3395, 0.3622



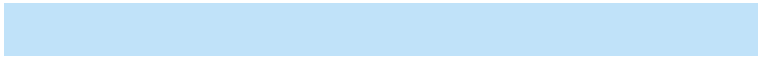
72.4387, 0.2768, 0.3036



72.4387, 0.3500, 0.3385

Square

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



72.4387, 0.2768, 0.3036



72.4387, 0.3221, 0.3074



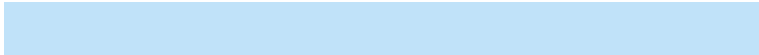
72.4387, 0.3499, 0.3533



72.4387, 0.3026, 0.3522

Rectangle

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



72.4387, 0.2768, 0.3036



72.4387, 0.2964, 0.2969



72.4387, 0.3499, 0.3533



72.4387, 0.3284, 0.3632

Sweetspot

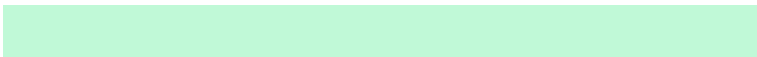
The Sweet Spot groups the original color and five complimentary colors.



72.4416, 0.2768, 0.3036



92.2545, 0.3019, 0.3219



83.8596, 0.2970, 0.3670



19.6081, 0.3009, 0.3212



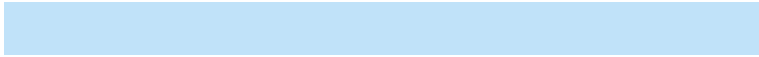
0.0000, 0.0000, 0.0000



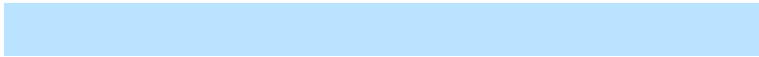
21.4041, 0.3127, 0.3290

Same Dimension

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



72.4416, 0.2768, 0.3036



72.7145, 0.2702, 0.2983



58.3323, 0.2743, 0.2712



18.3632, 0.2980, 0.3192



15.3495, 0.1863, 0.1907



1.6295, 0.1914, 0.2089

Inverse Universe

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



63.3572, 0.3326, 0.2941



61.9970, 0.3372, 0.2875



88.2278, 0.3485, 0.3809



17.3989, 0.3200, 0.3150



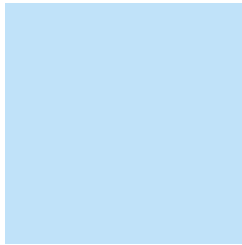
11.9604, 0.4559, 0.2285



1.1287, 0.4354, 0.2172

Previews

White Background



This preview shows how the Yxy color 72.4387, 0.2768, 0.3036 looks on a white background.

Color Contrast Check

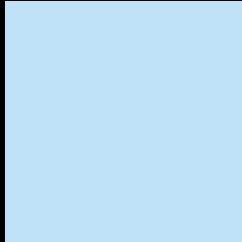
Large Text (above 18pt) WCAG AA × Fail

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 72.4387, 0.2768, 0.3036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

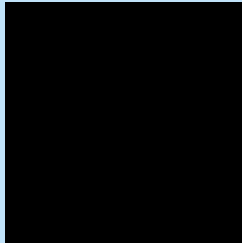
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

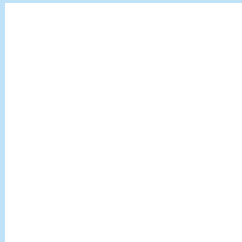
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.4387, 0.2768, 0.3036

Background



This preview shows how black text looks on a background with the Yxy color 72.4387, 0.2768, 0.3036.



This preview shows how white text looks on a background with the Yxy color 72.4387, 0.2768, 0.3036.

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

72.4387, 0.2768, 0.3036

Protanopia

72.1610, 0.2953, 0.3013

Deuteranopia

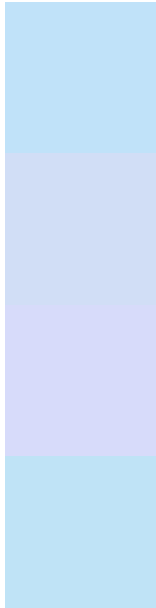
72.0599, 0.2983, 0.2917



Tritanopia

72.6071, 0.2785, 0.3090

Trichromacy



Original Color

72.4387, 0.2768, 0.3036

Protanomaly

72.4517, 0.2889, 0.3031

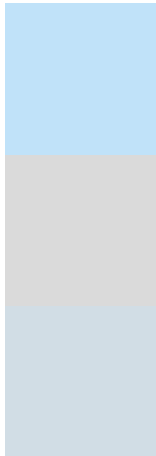
Deuteranomaly

72.0122, 0.2903, 0.2960

Tritanomaly

72.6684, 0.2779, 0.3079

Monochromacy



Original Color

72.4387, 0.2768, 0.3036

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.9254, 0.2992, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.4387, 0.2768, 0.3036 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, 226, 249)` looks like.

```
.text, #text, p{  
    color:rgb(192, 226, 249)  
}
```

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, 226, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 226, 249) }
```

Border

The CSS property to change the border of an element to Yxy 72.4387, 0.2768, 0.3036 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, 226, 249) }
```

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

```
.border{ border-color:rgb(192, 226, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 226, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 226, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 226, 249);  
box-shadow:4px 4px 4px 4px rgb(192, 226,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 72.4387, 0.2768, 0.3036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 226, 249) }
```

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

```
.background{ background-color: rgb(192,  
226, 249) }
```

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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