

Converting Colors

$Y_{xy}(72.5460, 0.2767, 0.3020)$

Have a look what the booklet for
Yxy(72.5460, 0.2767, 0.3020)
contains.

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Color

Yxy(72.6323, 0.2768, 0.3026)

Conversions

Conversions Part 1

Format	Color
Hex	C1E2FA
RGB	193, 226, 250
RGB Percent	76%, 89%, 98%
CMY	0.2432, 0.1137, 0.0196
CMYK	0.23, 0.10, 0.00, 0.02
HSL	205°, 85%, 87%
HSV	205°, 23%, 98%
XYZ	66.4396, 72.6323, 100.9555
YIQ	218.8690, -27.3720, 0.4680

Conversions

Conversions Part 2

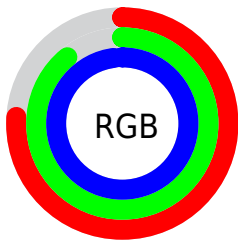
Format	Color
RYB	193, 214, 250
Decimal	12706554
CIELab	88.27, -5.70, -15.24
CIELCh	88, 16.276, 249.485
Yxy	72.6323, 0.2768, 0.3026
Android (android.graphics.Color)	4290896634 (0xFFC1E2FA)
YUV	218.8690, 15.3476, -22.6871
Hunter-Lab	85.2246, -9.9876, -10.5767

Details

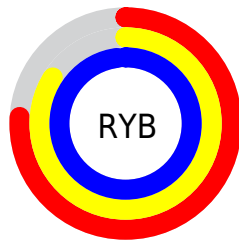
The Yxy color **72.6323, 0.2768, 0.3026** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.7826, 0.3543, 0.3540**, and the grayscale version is **70.6483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **38.4241, 0.2679, 0.2960** is the 20% darker color. If you saturate the color by 10%, you get **64.0769, 0.2609, 0.2891**, and if you desaturate by 10%, it is **82.0998, 0.2927, 0.3150**.

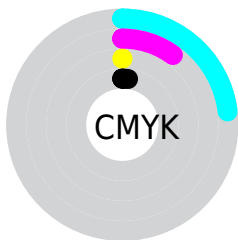
Distribution



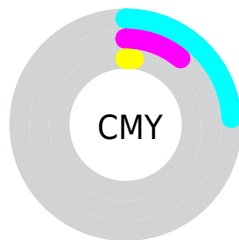
- Red (76%)
- Green (89%)
- Blue (98%)



- Red (76%)
- Yellow (84%)
- Blue (98%)



- Cyan (23%)
- Magenta (10%)
- Yellow (0%)
- Black (2%)



- Cyan (24%)
- Magenta (11%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.6323, 0.2768, 0.3026 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 72.6323, 0.2768, 0.3026 by changing the saturation by 10% instead.

■ 72.6323, 0.2768,
0.3026

■ 72.6323, 0.2768,
0.3026

■ 469.7394, 0.2932,
0.3149

■ 53.6754, 0.2731,
0.2998

■ 122.9551, 0.2825,
0.3069

■ 38.3422, 0.2685,
0.2963

■ 155.0897, 0.2847,
0.3085

■ 26.2484, 0.2628,
0.2919

■ 192.3856, 0.2866,
0.3100

■ 17.0095, 0.2554,
0.2861

■ 235.2273, 0.2883,
0.3112

■ 10.2413, 0.2455,
0.2782

■ 283.9992, 0.2897,
0.3123

■ 5.5592, 0.2315,
0.2668

■ 339.0855, 0.2910,

■ 2.5790, 0.2105,

0.3133

0.2492

400.8708, 0.2922,
0.3141

0.9161, 0.1749,
0.2192

0.0000, 0.0000,
0.0000

72.6323, 0.2768,
0.3026

72.6323, 0.2768,
0.3026

64.0769, 0.2609,
0.2891

82.0998, 0.2927,
0.3150

56.3906, 0.2453,
0.2745

92.5026, 0.3084,
0.3261

49.5396, 0.2306,
0.2589

99.6819, 0.3156,
0.3338

43.4840, 0.2171,
0.2427

■ 38.1794, 0.2053,
0.2262

■ 33.5755, 0.1956,
0.2096

■ 29.6124, 0.1881,
0.1935

■ 27.0975, 0.1840,
0.1823

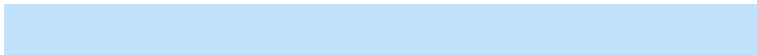
Harmonies

Analogous

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



72.6323, 0.2762, 0.3164



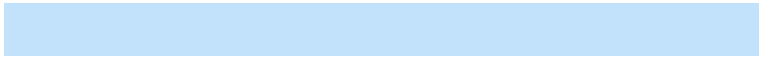
72.6323, 0.2768, 0.3026



72.6323, 0.2867, 0.2963

Triad

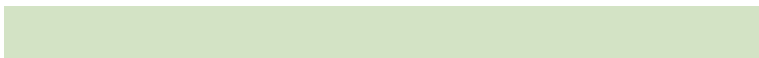
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.6323, 0.2768, 0.3026



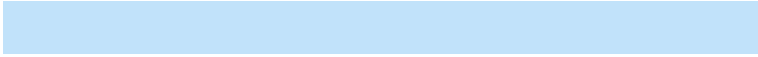
72.6323, 0.3410, 0.3229



72.6323, 0.3208, 0.3620

Complementary

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



72.6323, 0.2768, 0.3026



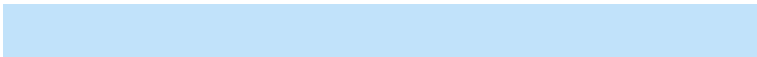
73.7826, 0.3543, 0.3540

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.



72.6323, 0.3387, 0.3628



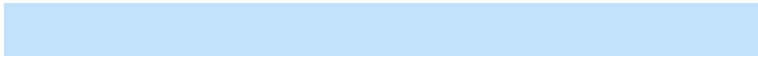
72.6323, 0.2768, 0.3026



72.6323, 0.3507, 0.3397

Square

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



72.6323, 0.2768, 0.3026



72.6323, 0.3236, 0.3080



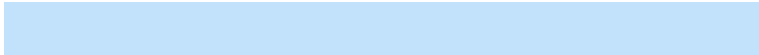
72.6323, 0.3498, 0.3544



72.6323, 0.3012, 0.3514

Rectangle

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



72.6323, 0.2768, 0.3026



72.6323, 0.2975, 0.2968



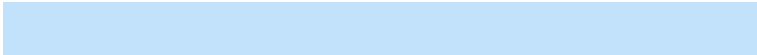
72.6323, 0.3498, 0.3544



72.6323, 0.3273, 0.3634

Sweetspot

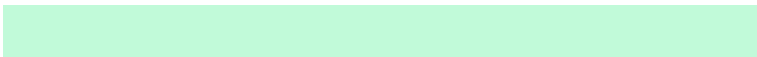
The Sweet Spot groups the original color and five complimentary colors.



72.6352, 0.2768, 0.3026



92.0721, 0.3019, 0.3216



84.7000, 0.2965, 0.3658



19.5659, 0.3009, 0.3209



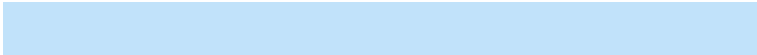
0.0000, 0.0000, 0.0000



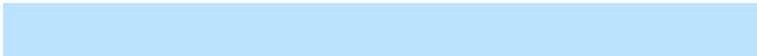
21.4041, 0.3127, 0.3290

Same Dimension

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



72.6352, 0.2768, 0.3026



72.0891, 0.2701, 0.2970



58.5040, 0.2743, 0.2702



18.3133, 0.2980, 0.3188



14.6650, 0.1847, 0.1848



1.5679, 0.1899, 0.2037

Inverse Universe

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



63.9473, 0.3333, 0.2951



61.9339, 0.3381, 0.2886



89.6258, 0.3482, 0.3817



17.3938, 0.3203, 0.3153



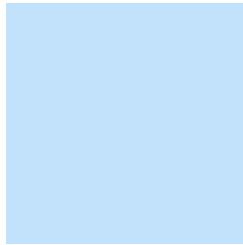
11.8913, 0.4628, 0.2323



1.1225, 0.4412, 0.2204

Previews

White Background



This preview shows how the Yxy color 72.6323, 0.2768, 0.3026 looks on a white background.

Color Contrast Check

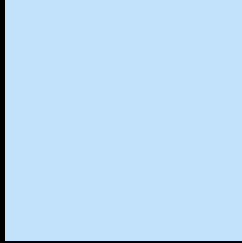
Large Text (above 18pt) WCAG AA × Fail

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 72.6323, 0.2768, 0.3026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

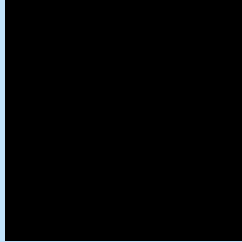
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

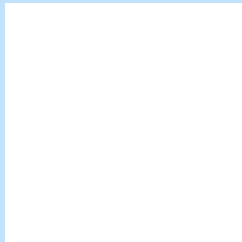
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.6323, 0.2768, 0.3026

Background



This preview shows how black text looks on a background with the Yxy color 72.6323, 0.2768, 0.3026.

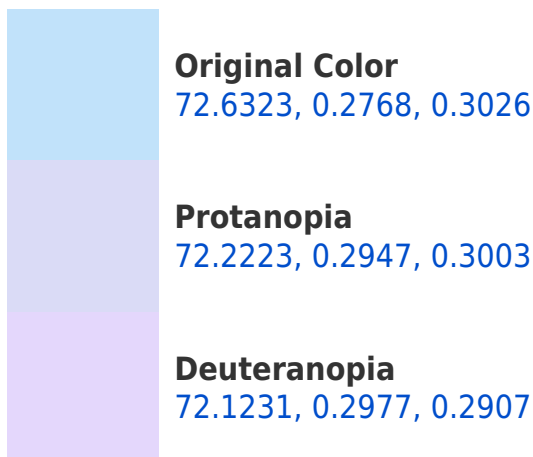


This preview shows how white text looks on a background with the Yxy color 72.6323, 0.2768, 0.3026.

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

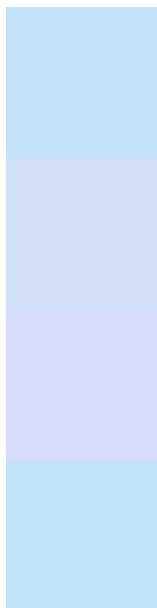




Tritanopia

72.7372, 0.2791, 0.3090

Trichromacy



Original Color

72.6323, 0.2768, 0.3026

Protanomaly

72.5133, 0.2883, 0.3021

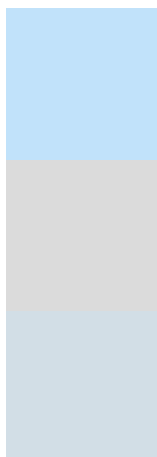
Deuteranomaly

72.0751, 0.2897, 0.2950

Tritanomaly

72.8600, 0.2780, 0.3069

Monochromacy



Original Color

72.6323, 0.2768, 0.3026

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.6574, 0.2993, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.6323, 0.2768, 0.3026 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, 226, 250)` looks like.

```
.text, #text, p{  
    color:rgb(193, 226, 250)  
}
```

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, 226, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 226, 250) }
```

Border

The CSS property to change the border of an element to Yxy 72.6323, 0.2768, 0.3026 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, 226, 250) }
```

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

```
.border{ border-color:rgb(193, 226, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 226, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 226, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 226, 250);  
box-shadow:4px 4px 4px 4px rgb(193, 226,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 72.6323, 0.2768, 0.3026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 226, 250) }
```

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

```
.background{ background-color: rgb(193,  
226, 250) }
```

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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