

Converting Colors

$Yxy(72.2219, 0.2773, 0.3015)$

Have a look what the booklet for
Yxy(72.2219, 0.2773, 0.3015)
contains.

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Color

Yxy(72.2219, 0.2773, 0.3015)

Conversions

Conversions Part 1

Format	Color
Hex	C2E1FA
RGB	194, 225, 250
RGB Percent	76%, 88%, 98%
CMY	0.2393, 0.1176, 0.0195
CMYK	0.22, 0.10, 0.00, 0.02
HSL	207°, 85%, 87%
HSV	207°, 22%, 98%
XYZ	66.4250, 72.2219, 100.8951
YIQ	218.5810, -26.5010, 1.2030

Conversions

Conversions Part 2

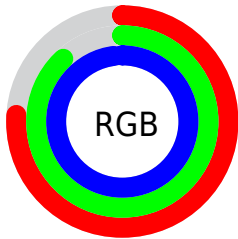
Format	Color
R _Y B	194, 214, 250
Decimal	12771834
CIE Lab	88.08, -4.89, -15.54
CIE LCh	88, 16.295, 252.542
Yxy	72.2219, 0.2773, 0.3015
Android (android.graphics.Color)	4290961914 (0xFFC2E1FA)
YUV	218.5810, 15.4896, -21.5575
Hunter-Lab	84.9835, -9.2015, -10.9025

Details

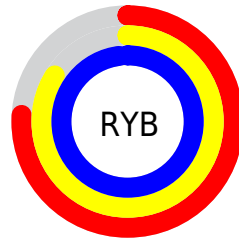
The Yxy color **72.2219, 0.2773, 0.3015** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **74.8739, 0.3532, 0.3550**, and the grayscale version is **70.4368, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **38.1335, 0.2685, 0.2946** is the 20% darker color. If you saturate the color by 10%, you get **63.3544, 0.2612, 0.2872**, and if you desaturate by 10%, it is **82.0459, 0.2933, 0.3146**.

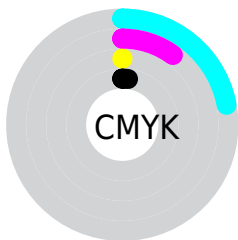
Distribution



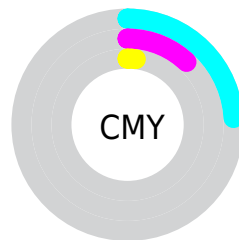
- Red (76%)
- Green (88%)
- Blue (98%)



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



- Cyan (22%)
- Magenta (10%)
- Yellow (0%)
- Black (2%)



- Cyan (24%)
- Magenta (12%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.2219, 0.2773, 0.3015 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 72.2219, 0.2773, 0.3015 by changing the saturation by 10% instead.

■ 72.2219, 0.2773,
0.3015

■ 72.2219, 0.2773,
0.3015

■ 468.3136, 0.2935,
0.3143

■ 53.3400, 0.2736,
0.2986

■ 122.3720, 0.2829,
0.3060

■ 38.0742, 0.2691,
0.2949

■ 154.4089, 0.2851,
0.3077

■ 26.0403, 0.2635,
0.2903

■ 191.5996, 0.2870,
0.3092

■ 16.8538, 0.2562,
0.2843

■ 234.3284, 0.2886,
0.3105

■ 10.1303, 0.2463,
0.2762

■ 282.9799, 0.2901,
0.3116

■ 5.4854, 0.2324,
0.2644

■ 337.9383, 0.2914,

■ 2.5348, 0.2115,

0.3126

0.2463

399.5881, 0.2925,
0.3135

0.8940, 0.1759,
0.2153

0.0000, 0.0000,
0.0000

72.2219, 0.2773,
0.3015

72.2219, 0.2773,
0.3015

63.3544, 0.2612,
0.2872

82.0459, 0.2933,
0.3146

55.3992, 0.2453,
0.2716

92.8507, 0.3090,
0.3263

48.3214, 0.2302,
0.2551

99.6832, 0.3156,
0.3338

42.0798, 0.2163,
0.2379

■ 36.6288, 0.2041,
0.2202

■ 31.9169, 0.1939,
0.2027

■ 27.8833, 0.1861,
0.1856

■ 25.2119, 0.1815,
0.1732

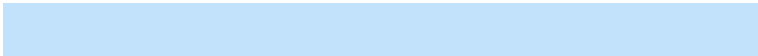
Harmonies

Analogous

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



72.2219, 0.2757, 0.3146



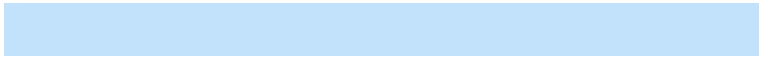
72.2219, 0.2773, 0.3015



72.2219, 0.2881, 0.2960

Triad

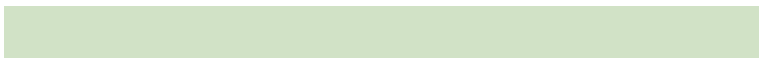
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.2219, 0.2773, 0.3015



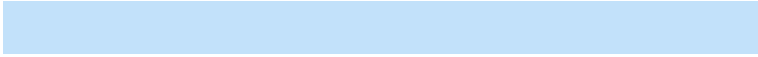
72.2219, 0.3425, 0.3246



72.2219, 0.3188, 0.3614

Complementary

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



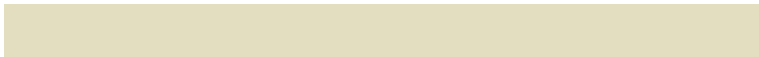
72.2219, 0.2773, 0.3015



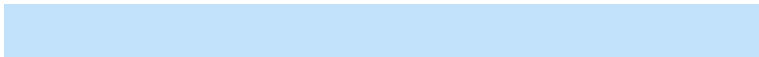
74.8739, 0.3532, 0.3550

Split Complementary

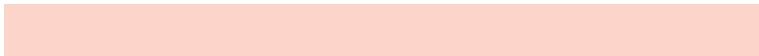
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.2219, 0.3372, 0.3633



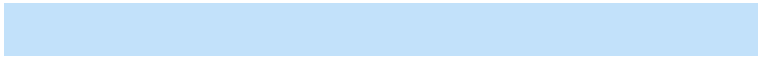
72.2219, 0.2773, 0.3015



72.2219, 0.3512, 0.3414

Square

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



72.2219, 0.2773, 0.3015



72.2219, 0.3256, 0.3093



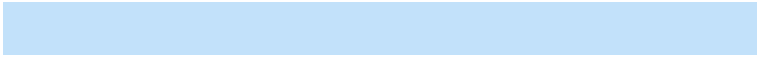
72.2219, 0.3492, 0.3557



72.2219, 0.2993, 0.3500

Rectangle

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



72.2219, 0.2773, 0.3015



72.2219, 0.2993, 0.2971



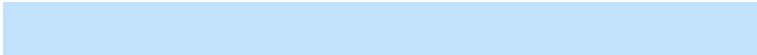
72.2219, 0.3492, 0.3557



72.2219, 0.3254, 0.3632

Sweetspot

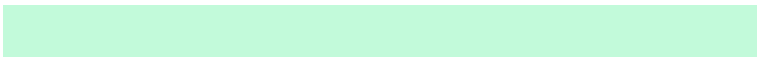
The Sweet Spot groups the original color and five complimentary colors.



72.2248, 0.2773, 0.3015



91.7934, 0.3019, 0.3211



84.9235, 0.2963, 0.3640



19.5013, 0.3009, 0.3204



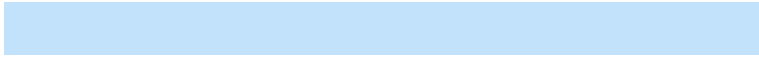
0.0000, 0.0000, 0.0000



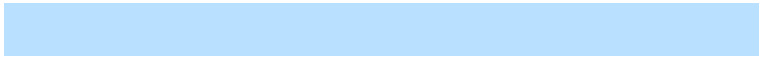
21.4041, 0.3127, 0.3290

Same Dimension

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



72.2248, 0.2773, 0.3015



71.1391, 0.2699, 0.2950



58.6243, 0.2749, 0.2703



18.2371, 0.2980, 0.3181



13.6628, 0.1822, 0.1759



1.4770, 0.1877, 0.1957

Inverse Universe

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



64.3355, 0.3340, 0.2972



61.8380, 0.3395, 0.2903



90.3039, 0.3474, 0.3816



17.3861, 0.3207, 0.3159



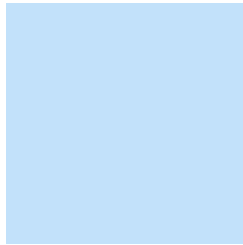
11.7902, 0.4735, 0.2382



1.1133, 0.4502, 0.2254

Previews

White Background



This preview shows how the Yxy color 72.2219, 0.2773, 0.3015 looks on a white background.

Color Contrast Check

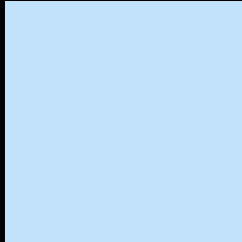
Large Text (above 18pt) WCAG AA × Fail

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 72.2219, 0.2773, 0.3015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

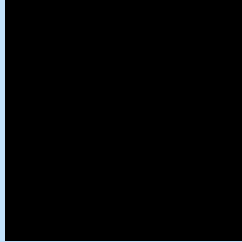
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

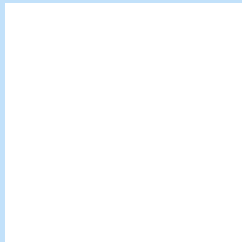
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.2219, 0.2773, 0.3015

Background



This preview shows how black text looks on a background with the Yxy color 72.2219, 0.2773, 0.3015.

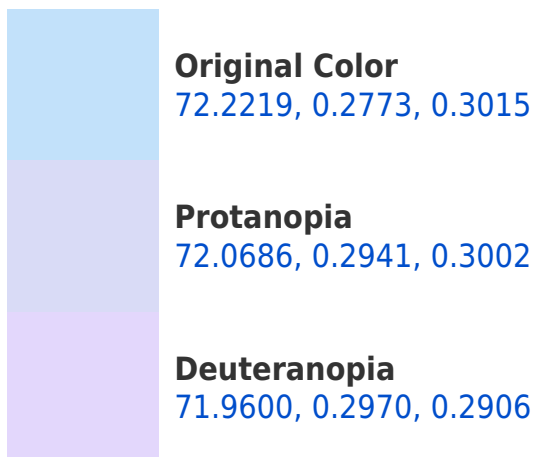


This preview shows how white text looks on a background with the Yxy color 72.2219, 0.2773, 0.3015.

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

72.2618, 0.2802, 0.3090

Trichromacy



Original Color

72.2219, 0.2773, 0.3015

Protanomaly

71.9836, 0.2882, 0.3010

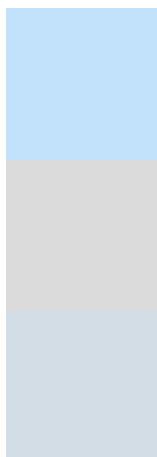
Deuteranomaly

72.0751, 0.2897, 0.2950

Tritanomaly

72.3840, 0.2790, 0.3068

Monochromacy



Original Color

72.2219, 0.2773, 0.3015

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.1277, 0.2993, 0.3191

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.2219, 0.2773, 0.3015 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, 225, 250)` looks like.

```
.text, #text, p{  
    color:rgb(194, 225, 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(194, 225, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 225, 250) }
```

Border

The CSS property to change the border of an element to Yxy 72.2219, 0.2773, 0.3015 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, 225, 250) }
```

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

```
.border{ border-color:rgb(194, 225, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 225, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 225, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 225, 250);  
box-shadow:4px 4px 4px 4px rgb(194, 225,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 72.2219, 0.2773, 0.3015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 225, 250) }
```

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

```
.background{ background-color: rgb(194,  
225, 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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