

Converting Colors

$Yxy(79.7626, 0.2329, 0.2181)$

Have a look what the booklet for
Yxy(79.7626, 0.2329, 0.2181)
contains.

Yxy(72.4079, 0.2740, 0.2962)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.4079, 0.2740, 0.2962)

Conversions

Conversions Part 1

Format	Color
Hex	C1E1FF
RGB	193, 225, 255
RGB Percent	76%, 88%, 100%
CMY	0.2429, 0.1177, 0.0000
CMYK	0.24, 0.12, 0.00, 0.00
HSL	209°, 100%, 88%
HSV	209°, 24%, 100%
XYZ	66.9810, 72.4079, 105.0672
YIQ	218.8520, -28.7020, 2.5460

Conversions

Conversions Part 2

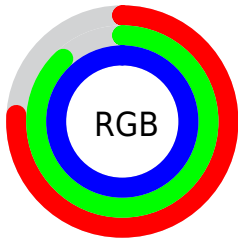
Format	Color
RYB	193, 214, 255
Decimal	12706303
CIELab	88.16, -4.04, -18.04
CIELCh	88, 18.488, 257.382
Yxy	72.4079, 0.2740, 0.2962
Android (android.graphics.Color)	4290896383 (0xFFC1E1FF)
YUV	218.8520, 17.8210, -22.6722
Hunter-Lab	85.0928, -8.4059, -13.6426

Details

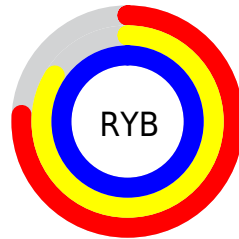
The Yxy color **72.4079, 0.2740, 0.2962** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **77.9285, 0.3567, 0.3597**, and the grayscale version is **70.6275, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **38.2299, 0.2650, 0.2891** is the 20% darker color. If you saturate the color by 10%, you get **62.9004, 0.2576, 0.2803**, and if you desaturate by 10%, it is **82.9803, 0.2903, 0.3107**.

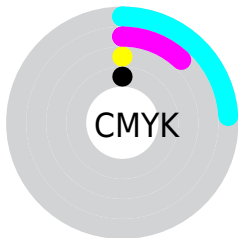
Distribution



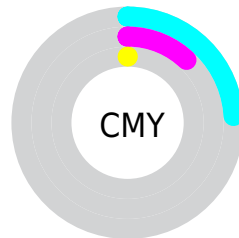
- Red (76%)
- Green (88%)
- Blue (100%)



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



- Cyan (24%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.4079, 0.2740, 0.2962 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 72.4079, 0.2740, 0.2962 by changing the saturation by 10% instead.

72.4079, 0.2740,
0.2962

72.4079, 0.2740,
0.2962

468.9601, 0.2917,
0.3114

53.4920, 0.2700,
0.2927

122.6363, 0.2801,
0.3015

38.1956, 0.2651,
0.2885

154.7175, 0.2825,
0.3035

26.1346, 0.2590,
0.2831

191.9559, 0.2845,
0.3053

16.9243, 0.2510,
0.2760

234.7360, 0.2863,
0.3068

10.1806, 0.2404,
0.2665

283.4420, 0.2879,
0.3082

5.5188, 0.2255,
0.2530

338.4585, 0.2893,

2.5548, 0.2033,

0.3094

0.2325

400.1697, 0.2906,
0.3104

0.9040, 0.1667,
0.1982

0.0000, 0.0000,
0.0000

72.4079, 0.2740,
0.2962

72.4079, 0.2740,
0.2962

62.9004, 0.2576,
0.2803

82.9803, 0.2903,
0.3107

54.4127, 0.2414,
0.2631

94.6495, 0.3061,
0.3238

46.9037, 0.2260,
0.2448

100.0000, 0.3127,
0.3290

40.3270, 0.2118,
0.2259

■ 34.6311, 0.1993,
0.2067

■ 29.7576, 0.1891,
0.1877

■ 25.6372, 0.1813,
0.1696

■ 23.5705, 0.1777,
0.1597

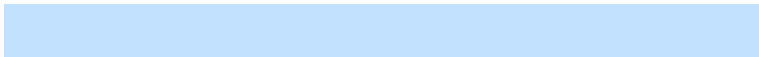
Harmonies

Analogous

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



72.4079, 0.2704, 0.3097



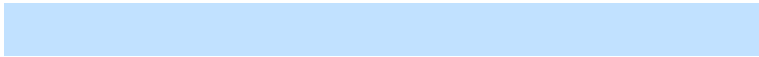
72.4079, 0.2740, 0.2962



72.4079, 0.2876, 0.2917

Triad

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



72.4079, 0.2740, 0.2962



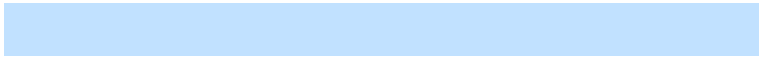
72.4079, 0.3489, 0.3270



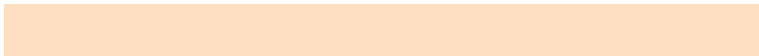
72.4079, 0.3159, 0.3645

Complementary

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



72.4079, 0.2740, 0.2962



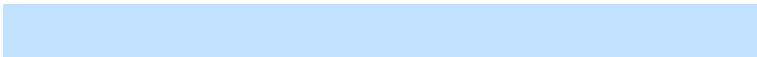
77.9285, 0.3567, 0.3597

Split Complementary

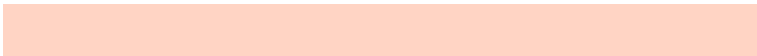
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.4079, 0.3374, 0.3684



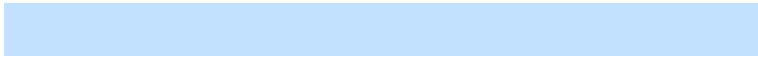
72.4079, 0.2740, 0.2962



72.4079, 0.3569, 0.3458

Square

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



72.4079, 0.2740, 0.2962



72.4079, 0.3308, 0.3092



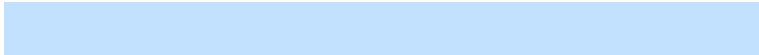
72.4079, 0.3526, 0.3612



72.4079, 0.2941, 0.3500

Rectangle

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



72.4079, 0.2740, 0.2962



72.4079, 0.3009, 0.2939



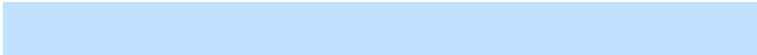
72.4079, 0.3526, 0.3612



72.4079, 0.3234, 0.3671

Sweetspot

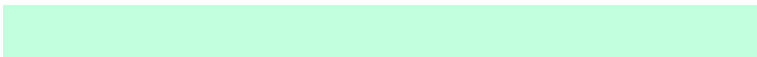
The Sweet Spot groups the original color and five complimentary colors.



72.4097, 0.2740, 0.2962



91.3754, 0.3019, 0.3204



88.1934, 0.2933, 0.3639



19.4045, 0.3009, 0.3197



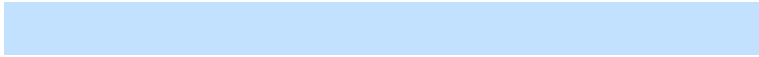
0.0000, 0.0000, 0.0000



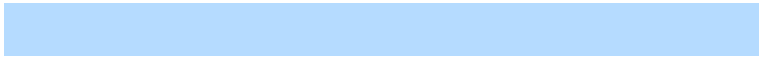
21.4041, 0.3127, 0.3290

Same Dimension

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



72.4097, 0.2740, 0.2962



67.8000, 0.2663, 0.2889



57.1917, 0.2710, 0.2611



18.9264, 0.2979, 0.3172



12.6166, 0.1785, 0.1626



1.4473, 0.1841, 0.1827

Inverse Universe

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



64.8634, 0.3381, 0.2967



59.4514, 0.3444, 0.2901



95.9762, 0.3498, 0.3890



18.1434, 0.3213, 0.3168



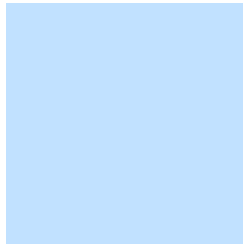
12.0016, 0.4899, 0.2472



1.1906, 0.4653, 0.2337

Previews

White Background



This preview shows how the Yxy color 72.4079, 0.2740, 0.2962 looks on a white background.

Color Contrast Check

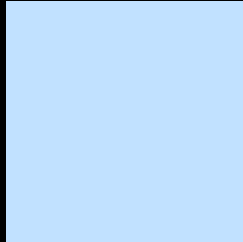
Large Text (above 18pt) WCAG AA × Fail

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 72.4079, 0.2740, 0.2962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

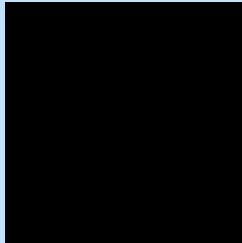
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

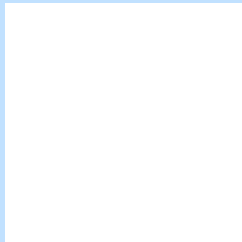
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.4079, 0.2740, 0.2962

Background



This preview shows how black text looks on a background with the Yxy color 72.4079, 0.2740, 0.2962.



This preview shows how white text looks on a background with the Yxy color 72.4079, 0.2740, 0.2962.

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

72.4079, 0.2740, 0.2962

Protanopia

72.2270, 0.2903, 0.2951

Deuteranopia

72.3393, 0.2938, 0.2886



Tritanopia

72.6071, 0.2785, 0.3090

Trichromacy



Original Color

72.4079, 0.2740, 0.2962

Protanomaly

72.1511, 0.2846, 0.2958

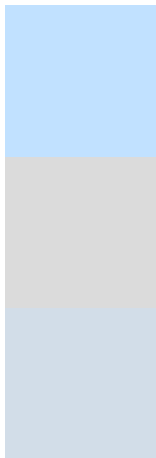
Deuteranomaly

72.0292, 0.2860, 0.2909

Tritanomaly

72.4387, 0.2768, 0.3036

Monochromacy



Original Color

72.4079, 0.2740, 0.2962

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.2407, 0.2980, 0.3169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.4079, 0.2740, 0.2962 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, 225, 255)` looks like.

```
.text, #text, p{  
    color:rgb(193, 225, 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(193, 225, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 225, 255) }
```

Border

The CSS property to change the border of an element to Yxy 72.4079, 0.2740, 0.2962 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, 225, 255) }
```

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

```
.border{ border-color:rgb(193, 225, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 225, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 225, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 225, 255);  
box-shadow:4px 4px 4px 4px rgb(193, 225,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 72.4079, 0.2740, 0.2962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 225, 255) }
```

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

```
.background{ background-color: rgb(193,  
225, 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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