

Converting Colors

$Yxy(75.0893, 0.2727, 0.2892)$

Have a look what the booklet for
Yxy(75.0893, 0.2727, 0.2892)
contains.

Yxy(74.3003, 0.2778, 0.2988)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.3003, 0.2778, 0.2988)

Conversions

Conversions Part 1

Format	Color
Hex	C7E3FF
RGB	199, 227, 255
RGB Percent	78%, 89%, 100%
CMY	0.2194, 0.1098, 0.0001
CMYK	0.22, 0.11, 0.00, 0.00
HSL	210°, 100%, 89%
HSV	210°, 22%, 100%
XYZ	69.0784, 74.3003, 105.2836
YIQ	221.8200, -25.6760, 2.7720

Conversions

Conversions Part 2

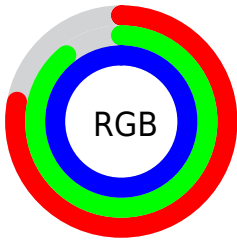
Format	Color
R_{YB}	199, 218, 255
Decimal	13100031
CIE Lab	89.06, -3.32, -16.63
CIE LCh	89, 16.954, 258.707
Yxy	74.3003, 0.2778, 0.2988
Android (android.graphics.Color)	4291290111 (0xFFC7E3FF)
YUV	221.8200, 16.3577, -20.0131
Hunter-Lab	86.1976, -7.7967, -12.0797

Details

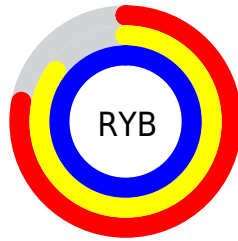
The Yxy color **74.3003, 0.2778, 0.2988** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **80.3351, 0.3516, 0.3574**, and the grayscale version is **72.8162, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.5116, 0.2698, 0.2925** is the 20% darker color. If you saturate the color by 10%, you get **64.3802, 0.2613, 0.2827**, and if you desaturate by 10%, it is **85.3278, 0.2941, 0.3135**.

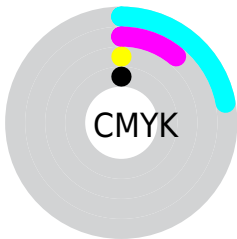
Distribution



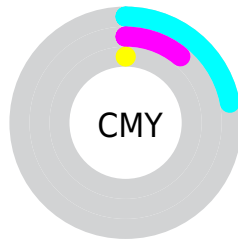
- Red (78%)
- Green (89%)
- Blue (100%)



- Red (78%)
- Yellow (85%)
- Blue (100%)



- Cyan (22%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.3003, 0.2778, 0.2988 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 74.3003, 0.2778, 0.2988 by changing the saturation by 10% instead.

■ 74.3003, 0.2778,
0.2988

■ 74.3003, 0.2778,
0.2988

475.5092, 0.2937,
0.3127

■ 55.0399, 0.2742,
0.2956

125.3214, 0.2833,
0.3036

■ 39.4336, 0.2698,
0.2918

157.8509, 0.2854,
0.3055

■ 27.0972, 0.2643,
0.2868

195.5721, 0.2873,
0.3071

■ 17.6463, 0.2572,
0.2805

238.8696, 0.2889,
0.3085

■ 10.6963, 0.2477,
0.2719

288.1276, 0.2903,
0.3098

■ 5.8630, 0.2344,
0.2597

343.7306, 0.2916,

■ 2.7620, 0.2145,

0.3109

0.2412

406.0630, 0.2927,
0.3118

1.0088, 0.1820,
0.2102

0.0000, 0.0000,
0.0000

74.3003, 0.2778,
0.2988

74.3003, 0.2778,
0.2988

64.3802, 0.2613,
0.2827

85.3278, 0.2941,
0.3135

55.5183, 0.2449,
0.2651

97.4915, 0.3098,
0.3266

47.6745, 0.2290,
0.2465

99.9982, 0.3127,
0.3290

40.8020, 0.2142,
0.2270

■ 34.8497, 0.2011,
0.2072

■ 29.7596, 0.1901,
0.1876

■ 25.4643, 0.1815,
0.1687

■ 22.5027, 0.1762,
0.1544

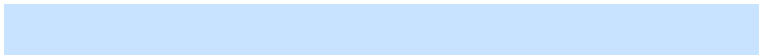
Harmonies

Analogous

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



74.3003, 0.2741, 0.3109



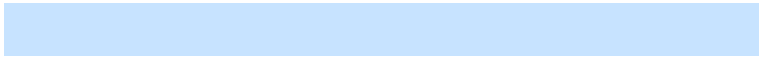
74.3003, 0.2778, 0.2988



74.3003, 0.2906, 0.2950

Triad

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



74.3003, 0.2778, 0.2988



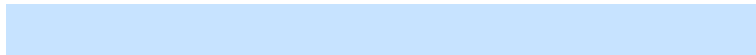
74.3003, 0.3461, 0.3280



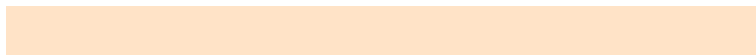
74.3003, 0.3148, 0.3608

Complementary

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



74.3003, 0.2778, 0.2988



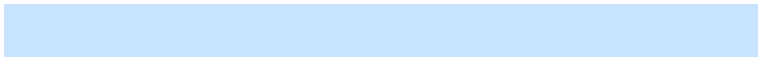
80.3351, 0.3516, 0.3574

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.



74.3003, 0.3344, 0.3649



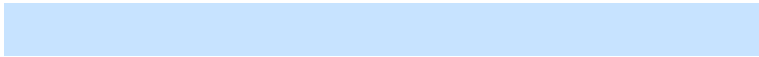
74.3003, 0.2778, 0.2988



74.3003, 0.3529, 0.3451

Square

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



74.3003, 0.2778, 0.2988



74.3003, 0.3300, 0.3116



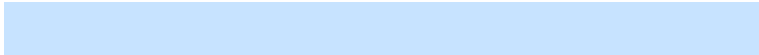
74.3003, 0.3486, 0.3588



74.3003, 0.2950, 0.3473

Rectangle

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



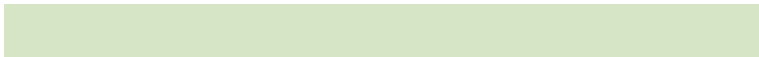
74.3003, 0.2778, 0.2988



74.3003, 0.3028, 0.2973



74.3003, 0.3486, 0.3588



74.3003, 0.3216, 0.3633

Sweetspot

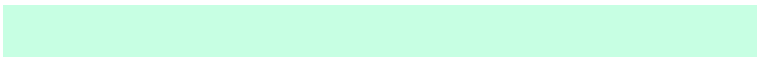
The Sweet Spot groups the original color and five complimentary colors.



74.3033, 0.2778, 0.2988



91.2042, 0.3019, 0.3201



89.1984, 0.2946, 0.3591



19.3648, 0.3009, 0.3193



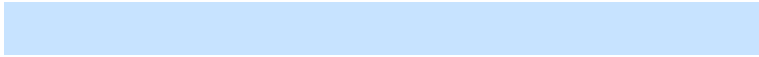
0.0000, 0.0000, 0.0000



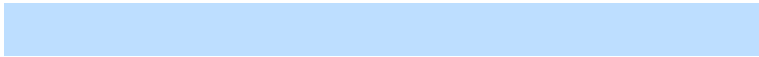
21.4041, 0.3127, 0.3290

Same Dimension

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



74.3033, 0.2778, 0.2988



70.1527, 0.2711, 0.2924



60.2388, 0.2755, 0.2675



18.8775, 0.2979, 0.3168



12.0595, 0.1770, 0.1573



1.3926, 0.1827, 0.1778

Inverse Universe

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



67.6718, 0.3358, 0.3008



62.7911, 0.3412, 0.2953



96.8830, 0.3459, 0.3839



18.1385, 0.3215, 0.3172



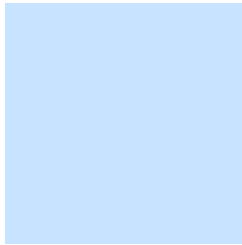
11.9454, 0.4966, 0.2509



1.1851, 0.4711, 0.2369

Previews

White Background



This preview shows how the Yxy color 74.3003, 0.2778, 0.2988 looks on a white background.

Color Contrast Check

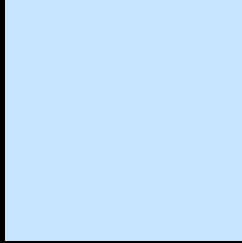
Large Text (above 18pt) WCAG AA × Fail

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 74.3003, 0.2778, 0.2988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

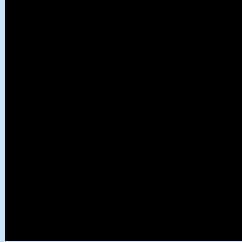
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

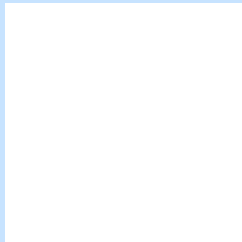
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.3003, 0.2778, 0.2988

Background



This preview shows how black text looks on a background with the Yxy color 74.3003, 0.2778, 0.2988.



This preview shows how white text looks on a background with the Yxy color 74.3003, 0.2778, 0.2988.

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

74.3003, 0.2778, 0.2988

Protanopia

74.3309, 0.2918, 0.2975

Deuteranopia

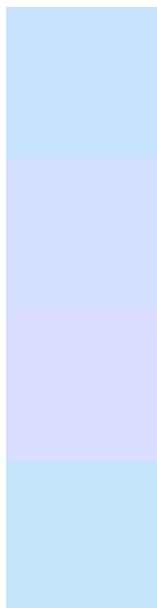
74.0208, 0.2965, 0.2910



Tritanopia

74.0725, 0.2811, 0.3082

Trichromacy



Original Color

74.3003, 0.2778, 0.2988

Protanomaly

74.4002, 0.2868, 0.2983

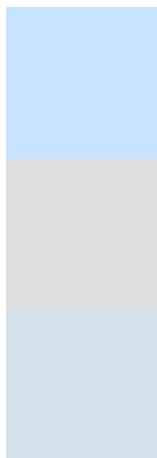
Deuteranomaly

73.8383, 0.2893, 0.2934

Tritanomaly

74.3947, 0.2800, 0.3050

Monochromacy



Original Color

74.3003, 0.2778, 0.2988

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.5480, 0.2995, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3003, 0.2778, 0.2988 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(199, 227, 255)` looks like.

```
.text, #text, p{  
    color:rgb(199, 227, 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(199, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 227, 255) }
```

Border

The CSS property to change the border of an element to Yxy 74.3003, 0.2778, 0.2988 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(199, 227, 255) }
```

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

```
.border{ border-color:rgb(199, 227, 255) }
```

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

Here you see how a box with a 4 pixel rgb(199, 227, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 227, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 227, 255);  
box-shadow:4px 4px 4px 4px rgb(199, 227,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3003, 0.2778, 0.2988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 227, 255) }
```

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

```
.background{ background-color: rgb(199,  
227, 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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