

Converting Colors

$Yxy(77.9327, 0.2780, 0.3089)$

Have a look what the booklet for
Yxy(77.9327, 0.2780, 0.3089)
contains.

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Color

Yxy(77.8078, 0.2782, 0.3085)

Conversions

Conversions Part 1

Format	Color
Hex	C5EAFD
RGB	197, 234, 253
RGB Percent	77%, 92%, 99%
CMY	0.2277, 0.0823, 0.0079
CMYK	0.22, 0.07, 0.00, 0.01
HSL	200°, 93%, 88%
HSV	200°, 22%, 99%
XYZ	70.1657, 77.8078, 104.2398
YIQ	225.1030, -28.1510, -1.9350

Conversions

Conversions Part 2

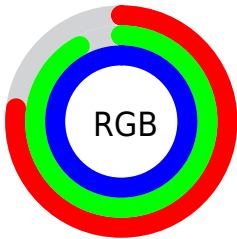
Format	Color
R _{YB}	197, 219, 253
Decimal	12970749
CIE Lab	90.69, -7.99, -13.16
CIE LCh	91, 15.399, 238.742
Yxy	77.8078, 0.2782, 0.3085
Android (android.graphics.Color)	4291160829 (0xFFC5EAFD)
YUV	225.1030, 13.7532, -24.6463
Hunter-Lab	88.2087, -12.3772, -8.3192

Details

The Yxy color **77.8078, 0.2782, 0.3085** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.9782, 0.3540, 0.3486**, and the grayscale version is **75.2821, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **41.5771, 0.2705, 0.3037** is the 20% darker color. If you saturate the color by 10%, you get **69.9193, 0.2628, 0.2978**, and if you desaturate by 10%, it is **86.5114, 0.2938, 0.3183**.

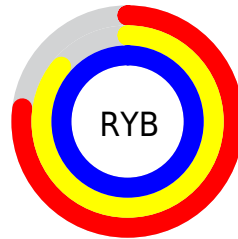
Distribution



Red (77%)

Green (92%)

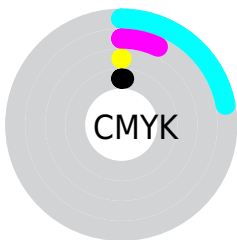
Blue (99%)



Red (77%)

Yellow (86%)

Blue (99%)

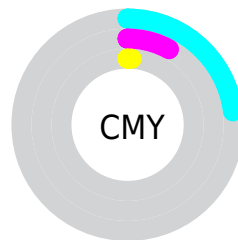


Cyan (22%)

Magenta (7%)

Yellow (0%)

Black (1%)



Cyan (23%)

Magenta (8%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.8078, 0.2782, 0.3085 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 77.8078, 0.2782, 0.3085 by changing the saturation by 10% instead.

■ 77.8078, 0.2782,
0.3085

■ 77.8078, 0.2782,
0.3085

487.5138, 0.2938,
0.3180

■ 57.9161, 0.2747,
0.3063

130.2791, 0.2835,
0.3118

■ 41.7412, 0.2705,
0.3036

163.6276, 0.2856,
0.3131

■ 28.8987, 0.2652,
0.3002

202.2304, 0.2875,
0.3142

■ 19.0042, 0.2584,
0.2958

246.4720, 0.2890,
0.3152

■ 11.6733, 0.2493,
0.2898

296.7367, 0.2904,
0.3160

■ 6.5216, 0.2366,
0.2812

353.4090, 0.2917,

■ 3.1648, 0.2179,

0.3168

0.2679

416.8733, 0.2928,
0.3174

■ 1.2184, 0.1876,
0.2450

■ 0.0766, 0.0000,
0.0709

■ 77.8078, 0.2782,
0.3085

■ 77.8078, 0.2782,
0.3085

■ 69.9193, 0.2628,
0.2978

■ 86.5114, 0.2938,
0.3183

■ 62.8045, 0.2481,
0.2862

■ 96.0503, 0.3094,
0.3272

■ 56.4321, 0.2343,
0.2740

■ 99.8713, 0.3139,
0.3309

■ 50.7645, 0.2219,
0.2612

■ 45.7599, 0.2113,
0.2481

■ 41.3706, 0.2026,
0.2350

■ 37.5396, 0.1961,
0.2220

■ 34.8592, 0.1922,
0.2120

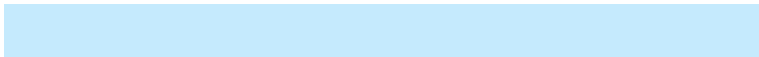
Harmonies

Analogous

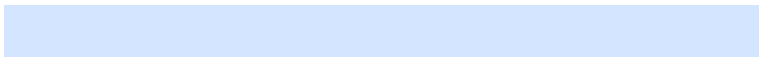
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.8078, 0.2808, 0.3231



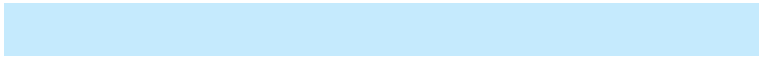
77.8078, 0.2782, 0.3085



77.8078, 0.2844, 0.2999

Triad

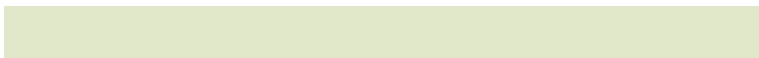
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.8078, 0.2782, 0.3085



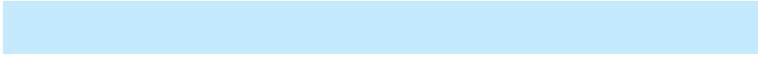
77.8078, 0.3337, 0.3181



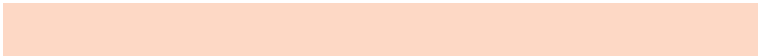
77.8078, 0.3266, 0.3608

Complementary

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



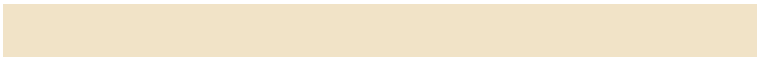
77.8078, 0.2782, 0.3085



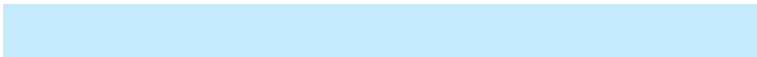
73.9782, 0.3540, 0.3486

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.



77.8078, 0.3414, 0.3584



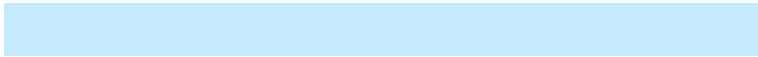
77.8078, 0.2782, 0.3085



77.8078, 0.3456, 0.3334

Square

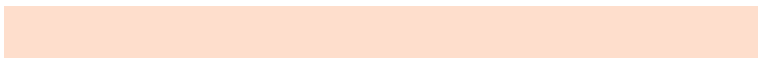
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.8078, 0.2782, 0.3085



77.8078, 0.3162, 0.3057



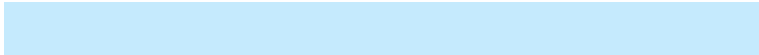
77.8078, 0.3485, 0.3482



77.8078, 0.3085, 0.3541

Rectangle

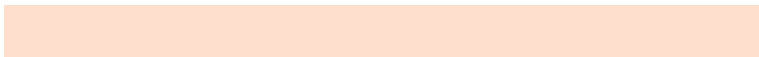
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.8078, 0.2782, 0.3085



77.8078, 0.2930, 0.2985



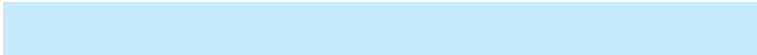
77.8078, 0.3485, 0.3482



77.8078, 0.3322, 0.3610

Sweetspot

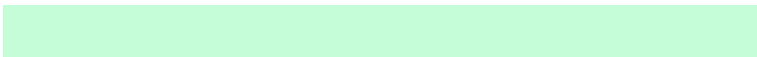
The Sweet Spot groups the original color and five complimentary colors.



77.8110, 0.2782, 0.3085



92.9757, 0.3019, 0.3230



87.0461, 0.2995, 0.3699



19.7753, 0.3009, 0.3225



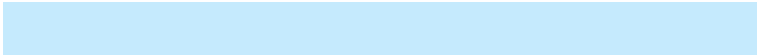
0.0000, 0.0000, 0.0000



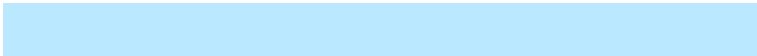
21.4041, 0.3127, 0.3290

Same Dimension

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



77.8110, 0.2782, 0.3085



75.2195, 0.2707, 0.3034



63.2345, 0.2759, 0.2774



19.3850, 0.2980, 0.3208



18.8260, 0.1928, 0.2140



2.0354, 0.1969, 0.2287

Inverse Universe

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



66.7300, 0.3291, 0.2916



62.2499, 0.3336, 0.2831



89.4004, 0.3481, 0.3758



18.1897, 0.3190, 0.3134



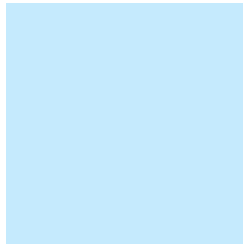
12.6285, 0.4297, 0.2141



1.2500, 0.4140, 0.2055

Previews

White Background



This preview shows how the Yxy color 77.8078, 0.2782, 0.3085 looks on a white background.

Color Contrast Check

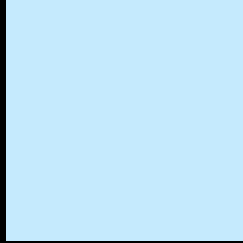
Large Text (above 18pt) WCAG AA × Fail

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 77.8078, 0.2782, 0.3085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

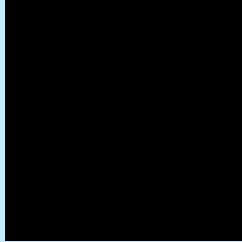
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

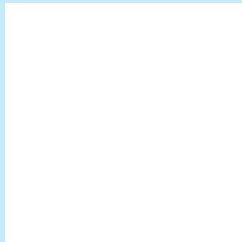
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.8078, 0.2782, 0.3085

Background



This preview shows how black text looks on a background with the Yxy color 77.8078, 0.2782, 0.3085.

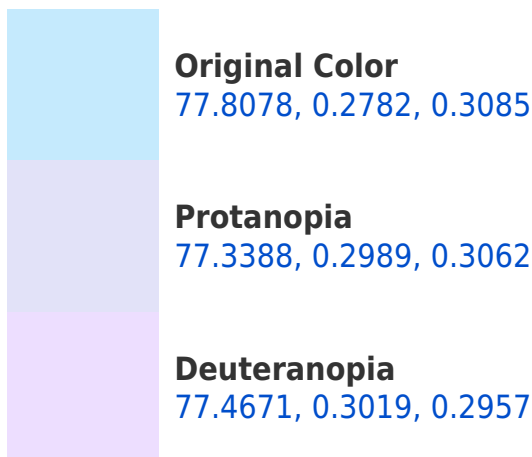


This preview shows how white text looks on a background with the Yxy color 77.8078, 0.2782, 0.3085.

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

77.8078, 0.2782, 0.3085

Trichromacy



Original Color

77.8078, 0.2782, 0.3085

Protanomaly

77.3878, 0.2906, 0.3068

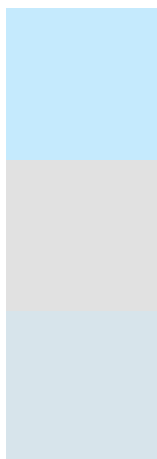
Deuteranomaly

77.0781, 0.2927, 0.3000

Tritanomaly

77.8078, 0.2782, 0.3085

Monochromacy



Original Color

77.8078, 0.2782, 0.3085

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.9320, 0.2996, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.8078, 0.2782, 0.3085 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(197, 234, 253)` looks like.

```
.text, #text, p{  
    color:rgb(197, 234, 253)  
}
```

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(197, 234, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 234, 253) }
```

Border

The CSS property to change the border of an element to Yxy 77.8078, 0.2782, 0.3085 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(197, 234, 253) }
```

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

```
.border{ border-color:rgb(197, 234, 253) }
```

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

Here you see how a box with a 4 pixel rgb(197, 234, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 234, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 234, 253);  
box-shadow:4px 4px 4px 4px rgb(197, 234,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 77.8078, 0.2782, 0.3085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 234, 253) }
```

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

```
.background{ background-color: rgb(197,  
234, 253) }
```

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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