

Converting Colors

$Yxy(81.2154, 0.2776, 0.3126)$

Have a look what the booklet for
Yxy(81.2154, 0.2776, 0.3126)
contains.

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Color

Yxy(81.4105, 0.2777, 0.3129)

Conversions

Conversions Part 1

Format	Color
Hex	C5F0FF
RGB	197, 240, 255
RGB Percent	77%, 94%, 100%
CMY	0.2271, 0.0589, 0.0000
CMYK	0.23, 0.06, 0.00, 0.00
HSL	196°, 100%, 89%
HSV	196°, 23%, 100%
XYZ	72.2521, 81.4105, 106.5179
YIQ	228.8530, -30.4430, -4.4510

Conversions

Conversions Part 2

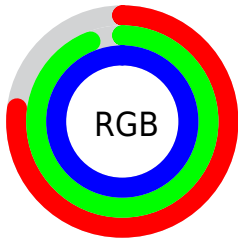
Format	Color
R_{YB}	197, 222, 255
Decimal	12972287
CIE _{Lab}	92.31, -10.55, -11.79
CIE _{LCh}	92, 15.821, 228.195
Y _{xy}	81.4105, 0.2777, 0.3129
Android (android.graphics.Color)	4291162367 (0xFFC5F0FF)
YUV	228.8530, 12.8905, -27.9351
Hunter-Lab	90.2278, -14.9602, -6.8351

Details

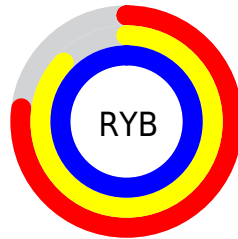
The Yxy color **81.4105, 0.2777, 0.3129** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.4300, 0.3563, 0.3445**, and the grayscale version is **78.1732, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **44.1090, 0.2701, 0.3095** is the 20% darker color. If you saturate the color by 10%, you get **74.4342, 0.2629, 0.3048**, and if you desaturate by 10%, it is **89.1166, 0.2930, 0.3204**.

Distribution



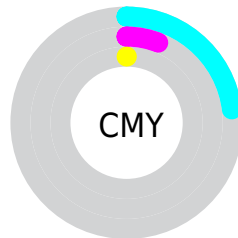
- Red (77%)
- Green (94%)
- Blue (100%)



- Red (77%)
- Yellow (87%)
- Blue (100%)



- Cyan (23%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.4105, 0.2777, 0.3129 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 81.4105, 0.2777, 0.3129 by changing the saturation by 10% instead.

81.4105, 0.2777,
0.3129

81.4105, 0.2777,
0.3129

499.6737, 0.2934,
0.3204

60.8797, 0.2742,
0.3112

135.3470, 0.2830,
0.3155

44.1281, 0.2700,
0.3091

169.5216, 0.2852,
0.3165

30.7712, 0.2648,
0.3064

209.0128, 0.2870,
0.3174

20.4247, 0.2580,
0.3029

254.2052, 0.2886,
0.3181

12.7042, 0.2492,
0.2981

305.4831, 0.2900,
0.3188

7.2251, 0.2369,
0.2913

363.2309, 0.2913,

3.6033, 0.2189,

0.3194

0.2807

427.8329, 0.2924,
0.3199

1.4542, 0.1903,
0.2626

0.2562, 0.0000,
0.1875

81.4105, 0.2777,
0.3129

81.4105, 0.2777,
0.3129

74.4342, 0.2629,
0.3048

89.1166, 0.2930,
0.3204

68.1484, 0.2490,
0.2960

97.5726, 0.3085,
0.3273

62.5226, 0.2363,
0.2868

100.0000, 0.3127,
0.3290

57.5203, 0.2251,
0.2772

■ 53.1004, 0.2158,
0.2675

■ 49.2161, 0.2084,
0.2576

■ 45.8105, 0.2031,
0.2479

■ 43.5707, 0.2002,
0.2408

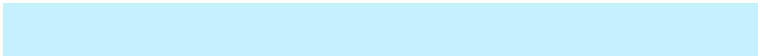
Harmonies

Analogous

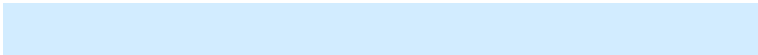
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.4105, 0.2835, 0.3290



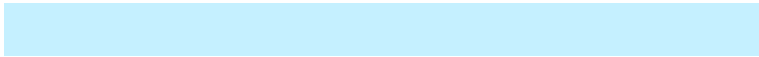
81.4105, 0.2777, 0.3129



81.4105, 0.2809, 0.3018

Triad

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



81.4105, 0.2777, 0.3129



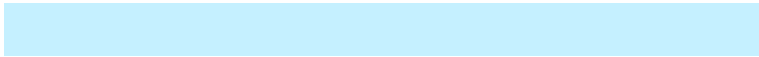
81.4105, 0.3281, 0.3130



81.4105, 0.3327, 0.3614

Complementary

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



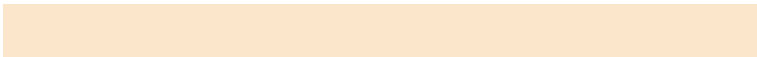
81.4105, 0.2777, 0.3129



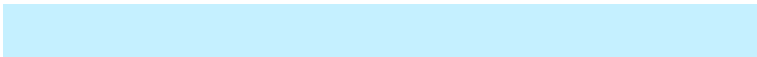
72.4300, 0.3563, 0.3445

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.



81.4105, 0.3453, 0.3558



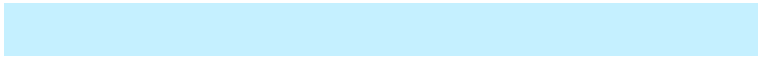
81.4105, 0.2777, 0.3129



81.4105, 0.3427, 0.3279

Square

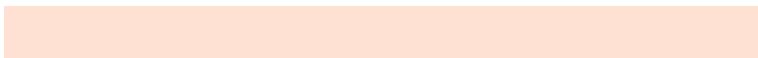
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



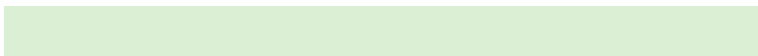
81.4105, 0.2777, 0.3129



81.4105, 0.3096, 0.3023



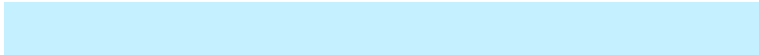
81.4105, 0.3491, 0.3434



81.4105, 0.3150, 0.3578

Rectangle

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



81.4105, 0.2777, 0.3129



81.4105, 0.2878, 0.2984



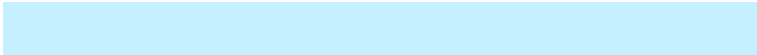
81.4105, 0.3491, 0.3434



81.4105, 0.3377, 0.3605

Sweetspot

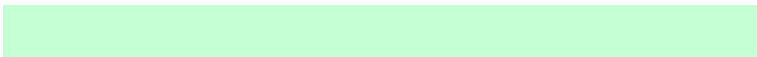
The Sweet Spot groups the original color and five complimentary colors.



81.4134, 0.2777, 0.3129



93.8535, 0.3019, 0.3244



88.1328, 0.3018, 0.3765



19.9789, 0.3009, 0.3240



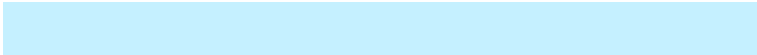
0.0000, 0.0000, 0.0000



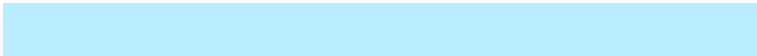
21.4041, 0.3127, 0.3290

Same Dimension

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



81.4134, 0.2777, 0.3129



78.3344, 0.2713, 0.3095



65.9695, 0.2753, 0.2814



19.6375, 0.2980, 0.3227



23.0213, 0.2007, 0.2425



2.4183, 0.2038, 0.2535

Inverse Universe

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



67.5203, 0.3262, 0.2863



62.5644, 0.3293, 0.2779



87.9221, 0.3501, 0.3725



18.2152, 0.3178, 0.3116



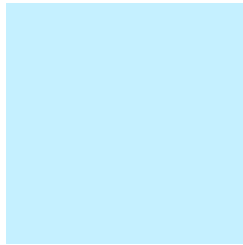
13.0520, 0.3998, 0.1976



1.2887, 0.3888, 0.1915

Previews

White Background



This preview shows how the Yxy color 81.4105, 0.2777, 0.3129 looks on a white background.

Color Contrast Check

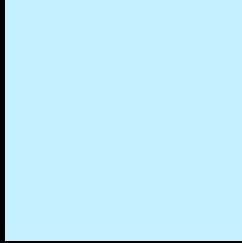
Large Text (above 18pt) WCAG AA × Fail

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 81.4105, 0.2777, 0.3129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

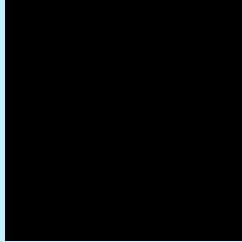
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.4105, 0.2777, 0.3129

Background



This preview shows how black text looks on a background with the Yxy color 81.4105, 0.2777, 0.3129.

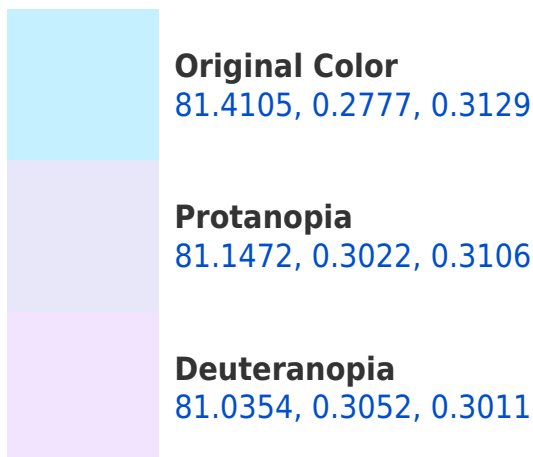


This preview shows how white text looks on a background with the Yxy color 81.4105, 0.2777, 0.3129.

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

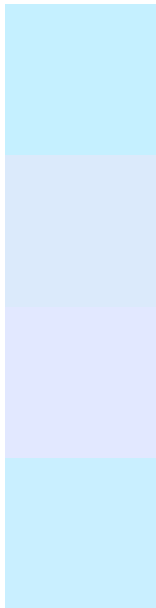




Tritanopia

81.0656, 0.2810, 0.3109

Trichromacy



Original Color

81.4105, 0.2777, 0.3129

Protanomaly

80.8707, 0.2927, 0.3113

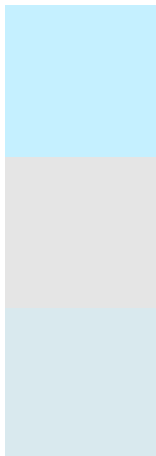
Deuteranomaly

81.1020, 0.2948, 0.3055

Tritanomaly

81.3705, 0.2799, 0.3120

Monochromacy



Original Color

81.4105, 0.2777, 0.3129

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

79.2026, 0.2991, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.4105, 0.2777, 0.3129 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, 240, 255)` looks like.

```
.text, #text, p{  
    color:rgb(197, 240, 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(197, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 240, 255) }
```

Border

The CSS property to change the border of an element to Yxy 81.4105, 0.2777, 0.3129 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, 240, 255) }
```

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

```
.border{ border-color:rgb(197, 240, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 240, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(197, 240,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 81.4105, 0.2777, 0.3129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 240, 255) }
```

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

```
.background{ background-color: rgb(197,  
240, 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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