

Converting Colors

$Yxy(90.0127, 0.2702, 0.3092)$

Have a look what the booklet for
Yxy(90.0127, 0.2702, 0.3092)
contains.

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Color

Yxy(88.5766, 0.2781, 0.3257)

Conversions

Conversions Part 1

Format	Color
Hex	C4FCFF
RGB	196, 252, 255
RGB Percent	77%, 99%, 100%
CMY	0.2313, 0.0118, 0.0000
CMYK	0.23, 0.01, 0.00, 0.00
HSL	183°, 100%, 88%
HSV	183°, 23%, 100%
XYZ	75.6314, 88.5766, 107.7496
YIQ	235.5980, -34.3390, -10.9390

Conversions

Conversions Part 2

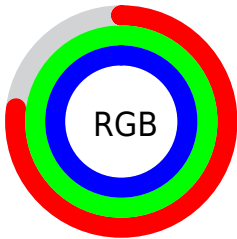
Format	Color
R_{YB}	196, 225, 255
Decimal	12909823
CIE Lab	95.40, -16.86, -7.23
CIE LCh	95, 18.340, 203.214
Yxy	88.5766, 0.2781, 0.3257
Android (android.graphics.Color)	4291099903 (0xFFC4FCFF)
YUV	235.5980, 9.5652, -34.7274
Hunter-Lab	94.1151, -21.2580, -1.9987

Details

The Yxy color **88.5766, 0.2781, 0.3257** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.0974, 0.3601, 0.3322**, and the grayscale version is **83.5042, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **48.7702, 0.2710, 0.3248** is the 20% darker color. If you saturate the color by 10%, you get **84.6318, 0.2648, 0.3242**, and if you desaturate by 10%, it is **93.1103, 0.2925, 0.3272**.

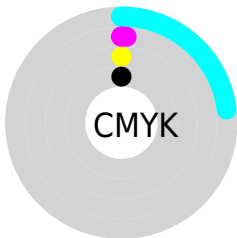
Distribution



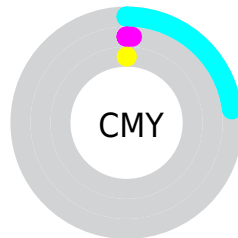
- Red (77%)
- Green (99%)
- Blue (100%)



- Red (77%)
- Yellow (88%)
- Blue (100%)



- Cyan (23%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)





- Cyan (23%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.5766, 0.2781, 0.3257 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 88.5766, 0.2781, 0.3257 by changing the saturation by 10% instead.


 88.5766, 0.2781,
0.3257

 88.5766, 0.2781,
0.3257


523.3896, 0.2934,
0.3274

 66.8007, 0.2748,
0.3253

145.3596, 0.2833,
0.3263

 48.9227, 0.2707,
0.3248


181.1356, 0.2853,
0.3265

 34.5581, 0.2657,
0.3241


222.3470, 0.2871,
0.3267

 23.3227, 0.2594,
0.3231

269.3782, 0.2887,
0.3269

 14.8320, 0.2511,
0.3218

322.6137, 0.2901,
0.3271

 8.7015, 0.2397,
0.3198

382.4378, 0.2913,

 4.5470, 0.2233,

0.3272

0.3165

449.2350, 0.2924,
0.3273

■ 1.9840, 0.1978,
0.3102

■ 0.5982, 0.0816,
0.3107

■ 88.5766, 0.2781,
0.3257

■ 88.5766, 0.2781,
0.3257

■ 84.6318, 0.2648,
0.3242

■ 93.1103, 0.2925,
0.3272

■ 81.2432, 0.2530,
0.3225

■ 98.2569, 0.3078,
0.3286

■ 78.3799, 0.2428,
0.3208

100.0000, 0.3127,
0.3290

■ 76.0068, 0.2345,
0.3191

■ 74.0843, 0.2282,
0.3173

■ 72.5666, 0.2238,
0.3156

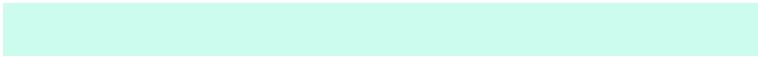
■ 71.3980, 0.2212,
0.3139

■ 70.7425, 0.2202,
0.3128

Harmonies

Analogous

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



88.5766, 0.2920, 0.3450



88.5766, 0.2781, 0.3257



88.5766, 0.2733, 0.3082

Triad

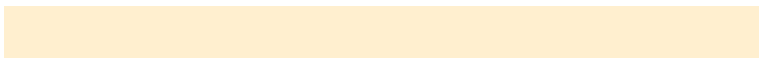
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.5766, 0.2781, 0.3257



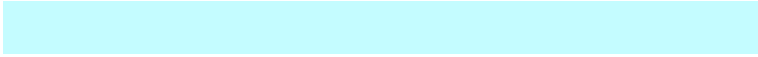
88.5766, 0.3127, 0.3006



88.5766, 0.3477, 0.3609

Complementary

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



88.5766, 0.2781, 0.3257



66.0974, 0.3601, 0.3322

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.



88.5766, 0.3538, 0.3478



88.5766, 0.2781, 0.3257



88.5766, 0.3333, 0.3136

Square

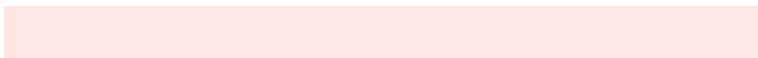
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.5766, 0.2781, 0.3257



88.5766, 0.2928, 0.2945



88.5766, 0.3485, 0.3306



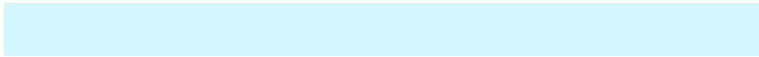
88.5766, 0.3321, 0.3657

Rectangle

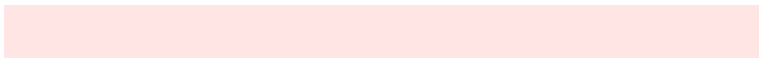
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.5766, 0.2781, 0.3257



88.5766, 0.2757, 0.2999



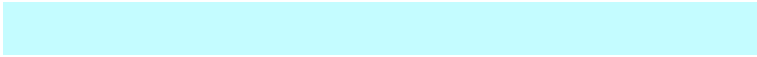
88.5766, 0.3485, 0.3306



88.5766, 0.3509, 0.3573

Sweetspot

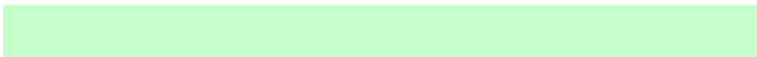
The Sweet Spot groups the original color and five complimentary colors.



88.5777, 0.2781, 0.3257



96.1925, 0.3018, 0.3281



87.3787, 0.3080, 0.3910



20.5220, 0.3009, 0.3280



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.



88.5777, 0.2781, 0.3257



86.5859, 0.2715, 0.3250



71.4951, 0.2756, 0.2937



20.3137, 0.2980, 0.3277



37.0335, 0.2203, 0.3130



3.6525, 0.2208, 0.3150

Inverse Universe

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



67.7725, 0.3176, 0.2740



62.3633, 0.3187, 0.2623



80.9831, 0.3534, 0.3619



18.2835, 0.3146, 0.3068



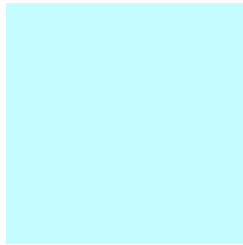
14.4665, 0.3341, 0.1614



1.4133, 0.3325, 0.1605

Previews

White Background



This preview shows how the Yxy color 88.5766, 0.2781, 0.3257 looks on a white background.

Color Contrast Check

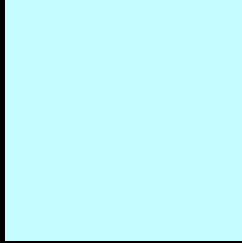
Large Text (above 18pt) WCAG AA × Fail

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 88.5766, 0.2781, 0.3257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

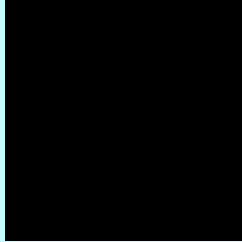
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.5766, 0.2781, 0.3257

Background



This preview shows how black text looks on a background with the Yxy color 88.5766, 0.2781, 0.3257.

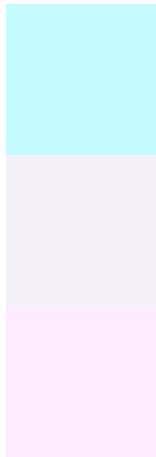


This preview shows how white text looks on a background with the Yxy color 88.5766, 0.2781, 0.3257.

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

88.5766, 0.2781, 0.3257

Protanopia

88.1522, 0.3098, 0.3211

Deuteranopia

88.0936, 0.3123, 0.3106



Tritanopia

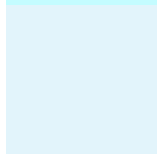
88.2128, 0.2932, 0.3188

Trichromacy



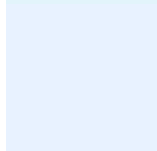
Original Color

88.5766, 0.2781, 0.3257



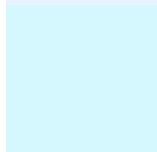
Protanomaly

87.8352, 0.2973, 0.3218



Deuteranomaly

87.8801, 0.2987, 0.3159



Tritanomaly

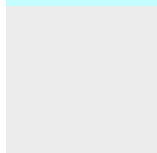
88.5009, 0.2874, 0.3217

Monochromacy



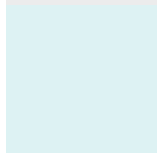
Original Color

88.5766, 0.2781, 0.3257



Achromatopsia

83.8799, 0.3127, 0.3290



Achromatomaly

85.3475, 0.2987, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.5766, 0.2781, 0.3257 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(196, 252, 255)` looks like.

```
.text, #text, p{  
    color:rgb(196, 252, 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(196, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 252, 255) }
```

Border

The CSS property to change the border of an element to Yxy 88.5766, 0.2781, 0.3257 is called "border". The border property can be set on classes, ids or directly on the HTML element.

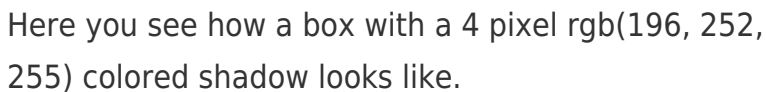
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 252, 255) }
```

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

```
.border{ border-color:rgb(196, 252, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 252, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 252, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 252, 255); box-shadow:4px 4px 4px 4px rgb(196, 252, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 88.5766, 0.2781, 0.3257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 252, 255) }
```

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

```
.background{ background-color: rgb(196,  
252, 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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