

Converting Colors

$Yxy(88.0309, 0.2805, 0.3238)$

Have a look what the booklet for
Yxy(88.0309, 0.2805, 0.3238)
contains.

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Color

Yxy(88.0087, 0.2807, 0.3237)

Conversions

Conversions Part 1

Format	Color
Hex	C9FAFF
RGB	201, 250, 255
RGB Percent	79%, 98%, 100%
CMY	0.2118, 0.0196, 0.0001
CMYK	0.21, 0.02, 0.00, 0.00
HSL	186°, 100%, 89%
HSV	186°, 21%, 100%
XYZ	76.3177, 88.0087, 107.5571
YIQ	235.9190, -30.8090, -8.8330

Conversions

Conversions Part 2

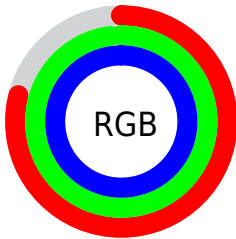
Format	Color
R_{YB}	201, 227, 255
Decimal	13236991
CIE Lab	95.16, -14.43, -7.52
CIE LCh	95, 16.272, 207.532
Yxy	88.0087, 0.2807, 0.3237
Android (android.graphics.Color)	4291427071 (0xFFC9FAFF)
YUV	235.9190, 9.4069, -30.6240
Hunter-Lab	93.8130, -18.9613, -2.3073

Details

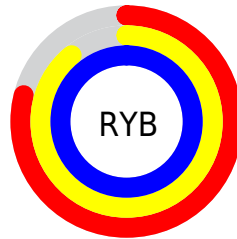
The Yxy color **88.0087, 0.2807, 0.3237** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.5973, 0.3546, 0.3342**, and the grayscale version is **83.7597, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.3281, 0.2741, 0.3221** is the 20% darker color. If you saturate the color by 10%, you get **83.3166, 0.2669, 0.3209**, and if you desaturate by 10%, it is **93.3127, 0.2955, 0.3263**.

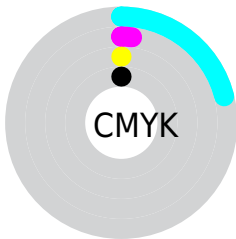
Distribution



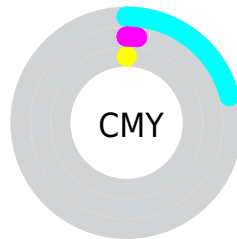
- Red (79%)
- Green (98%)
- Blue (100%)



- Red (79%)
- Yellow (89%)
- Blue (100%)



- Cyan (21%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.0087, 0.2807, 0.3237 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 88.0087, 0.2807, 0.3237 by changing the saturation by 10% instead.

88.0087, 0.2807,
0.3237

88.0087, 0.2807,
0.3237

521.5317, 0.2949,
0.3263

66.3303, 0.2776,
0.3231

144.5693, 0.2855,
0.3246

48.5406, 0.2738,
0.3223

180.2202, 0.2874,
0.3250

34.2552, 0.2692,
0.3214

221.2974, 0.2891,
0.3252

23.0897, 0.2633,
0.3201

268.1853, 0.2905,
0.3255

14.6597, 0.2555,
0.3183

321.2683, 0.2918,
0.3257

8.5809, 0.2449,
0.3157

380.9308, 0.2929,

4.4689, 0.2296,

0.3259

0.3115

447.5571, 0.2940,
0.3261

1.9391, 0.2055,
0.3040

0.5718, 0.0994,
0.2973

88.0087, 0.2807,
0.3237

88.0087, 0.2807,
0.3237

83.3166, 0.2669,
0.3209

93.3127, 0.2955,
0.3263

79.1966, 0.2544,
0.3179

99.2448, 0.3109,
0.3287

75.6209, 0.2434,
0.3148

99.9989, 0.3127,
0.3290

72.5549, 0.2342,
0.3116

■ 69.9600, 0.2270,
0.3084

■ 67.7917, 0.2217,
0.3052

■ 65.9968, 0.2183,
0.3020

■ 64.6502, 0.2165,
0.2993

Harmonies

Analogous

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



88.0087, 0.2921, 0.3408



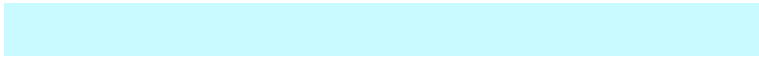
88.0087, 0.2807, 0.3237



88.0087, 0.2777, 0.3087

Triad

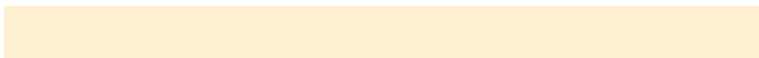
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.0087, 0.2807, 0.3237



88.0087, 0.3155, 0.3050



88.0087, 0.3423, 0.3585

Complementary

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



88.0087, 0.2807, 0.3237



69.5973, 0.3546, 0.3342

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.



88.0087, 0.3491, 0.3479



88.0087, 0.2807, 0.3237



88.0087, 0.3334, 0.3173

Square

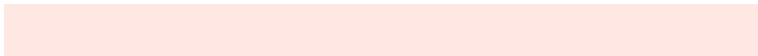
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.0087, 0.2807, 0.3237



88.0087, 0.2973, 0.2985



88.0087, 0.3458, 0.3328



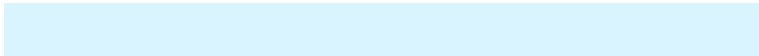
88.0087, 0.3275, 0.3614

Rectangle

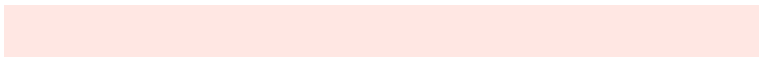
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.0087, 0.2807, 0.3237



88.0087, 0.2807, 0.3019



88.0087, 0.3458, 0.3328



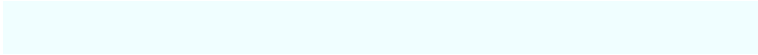
88.0087, 0.3456, 0.3557

Sweetspot

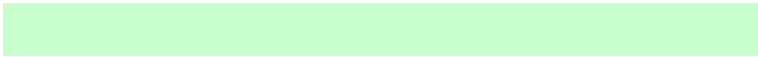
The Sweet Spot groups the original color and five complimentary colors.



88.0123, 0.2807, 0.3237



96.3170, 0.3034, 0.3276



88.3565, 0.3075, 0.3831



20.5330, 0.3024, 0.3274



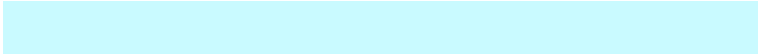
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



88.0123, 0.2807, 0.3237



86.1596, 0.2753, 0.3226



72.6703, 0.2787, 0.2950



20.1784, 0.2980, 0.3267



33.9040, 0.2166, 0.2998



3.3812, 0.2176, 0.3034

Inverse Universe

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



69.9274, 0.3187, 0.2808



65.4783, 0.3199, 0.2719



83.4601, 0.3491, 0.3608



18.2698, 0.3152, 0.3077



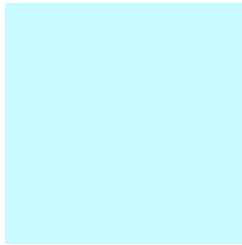
14.1506, 0.3456, 0.1677



1.3859, 0.3424, 0.1660

Previews

White Background



This preview shows how the Yxy color 88.0087, 0.2807, 0.3237 looks on a white background.

Color Contrast Check

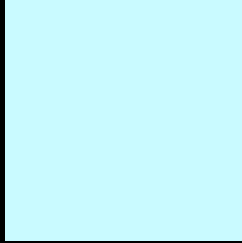
Large Text (above 18pt) WCAG AA × Fail

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 88.0087, 0.2807, 0.3237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

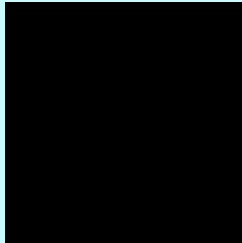
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.0087, 0.2807, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 88.0087, 0.2807, 0.3237.

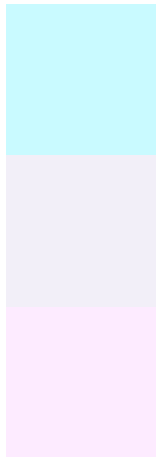


This preview shows how white text looks on a background with the Yxy color 88.0087, 0.2807, 0.3237.

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

88.0087, 0.2807, 0.3237

Protanopia

87.3876, 0.3092, 0.3201

Deuteranopia

87.5193, 0.3123, 0.3097



Tritanopia

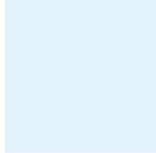
87.4510, 0.2926, 0.3178

Trichromacy



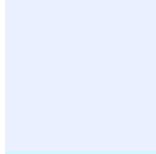
Original Color

88.0087, 0.2807, 0.3237



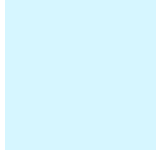
Protanomaly

87.3971, 0.2979, 0.3208



Deuteranomaly

87.0326, 0.2999, 0.3140



Tritanomaly

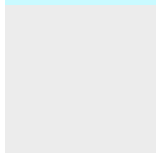
87.4277, 0.2879, 0.3197

Monochromacy



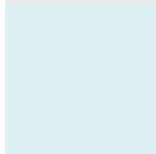
Original Color

88.0087, 0.2807, 0.3237



Achromatopsia

83.8799, 0.3127, 0.3290



Achromatomaly

85.0696, 0.3000, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.0087, 0.2807, 0.3237 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(201, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(201, 250, 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(201, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 250, 255) }
```

Border

The CSS property to change the border of an element to Yxy 88.0087, 0.2807, 0.3237 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(201, 250, 255) }
```

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

```
.border{ border-color:rgb(201, 250, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 250, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(201, 250,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 88.0087, 0.2807, 0.3237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 250, 255) }
```

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

```
.background{ background-color: rgb(201,  
250, 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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