

Converting Colors

$Yxy(89.3467, 0.2787, 0.3268)$

Have a look what the booklet for
Yxy(89.3467, 0.2787, 0.3268)
contains.

Yxy(89.3409, 0.2787, 0.3268)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(89.3409, 0.2787, 0.3268)

Conversions

Conversions Part 1

Format	Color
Hex	C5FDFF
RGB	197, 253, 255
RGB Percent	77%, 99%, 100%
CMY	0.2277, 0.0078, 0.0000
CMYK	0.23, 0.01, 0.00, 0.00
HSL	182°, 100%, 89%
HSV	182°, 23%, 100%
XYZ	76.1913, 89.3409, 107.8488
YIQ	236.4840, -34.0180, -11.2500

Conversions

Conversions Part 2

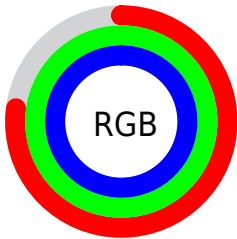
Format	Color
RYB	197, 225, 255
Decimal	12975615
CIELab	95.72, -17.09, -6.74
CIELCh	96, 18.373, 201.519
Yxy	89.3409, 0.2787, 0.3268
Android (android.graphics.Color)	4291165695 (0xFFC5FDFF)
YUV	236.4840, 9.1284, -34.6275
Hunter-Lab	94.5203, -21.5246, -1.4864

Details

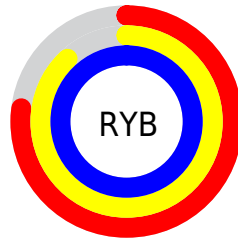
The Yxy color **89.3409, 0.2787, 0.3268** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.1011, 0.3593, 0.3312**, and the grayscale version is **84.2123, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.3079, 0.2718, 0.3262** is the 20% darker color. If you saturate the color by 10%, you get **85.6398, 0.2655, 0.3258**, and if you desaturate by 10%, it is **93.6319, 0.2931, 0.3278**.

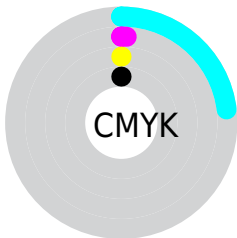
Distribution



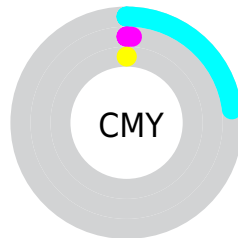
- Red (77%)
- Green (99%)
- Blue (100%)



- 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 89.3409, 0.2787, 0.3268 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 89.3409, 0.2787, 0.3268 by changing the saturation by 10% instead.


 89.3409, 0.2787,
0.3268

 89.3409, 0.2787,
0.3268

525.8845, 0.2937,
0.3280

 67.4341, 0.2754,
0.3265

146.4225, 0.2838,
0.3272

 49.4375, 0.2715,
0.3261


182.3662, 0.2858,
0.3274

 34.9667, 0.2666,
0.3256


223.7576, 0.2875,
0.3275

 23.6372, 0.2603,
0.3249

270.9811, 0.2891,
0.3277

 15.0647, 0.2522,
0.3238

324.4212, 0.2904,
0.3278

 8.8648, 0.2411,
0.3223

384.4621, 0.2917,

 4.6531, 0.2251,

0.3278

0.3196

451.4885, 0.2927,
0.3279

■ 2.0452, 0.2003,
0.3145

■ 0.6335, 0.0928,
0.3179

■ 89.3409, 0.2787,
0.3268

■ 89.3409, 0.2787,
0.3268

■ 85.6398, 0.2655,
0.3258

■ 93.6319, 0.2931,
0.3278

■ 82.4915, 0.2537,
0.3246

■ 98.5321, 0.3084,
0.3288

■ 79.8667, 0.2437,
0.3235

100.0000, 0.3127,
0.3290

■ 77.7304, 0.2356,
0.3223

■ 76.0432, 0.2294,
0.3212

■ 74.7596, 0.2251,
0.3200

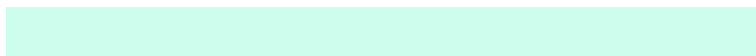
■ 73.8245, 0.2226,
0.3189

■ 73.3071, 0.2217,
0.3181

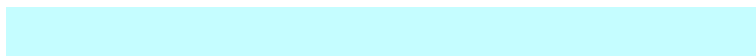
Harmonies

Analogous

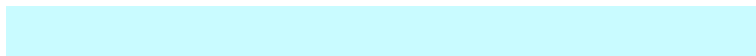
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.3409, 0.2930, 0.3460



89.3409, 0.2787, 0.3268



89.3409, 0.2733, 0.3090

Triad

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



89.3409, 0.2787, 0.3268



89.3409, 0.3115, 0.3001



89.3409, 0.3483, 0.3603

Complementary

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



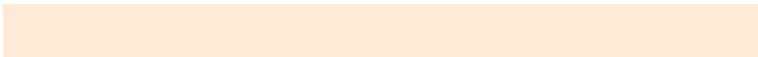
89.3409, 0.2787, 0.3268



66.1011, 0.3593, 0.3312

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.



89.3409, 0.3538, 0.3469



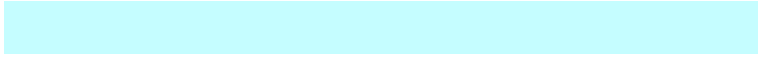
89.3409, 0.2787, 0.3268



89.3409, 0.3322, 0.3127

Square

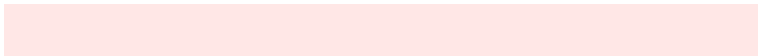
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.3409, 0.2787, 0.3268



89.3409, 0.2918, 0.2945



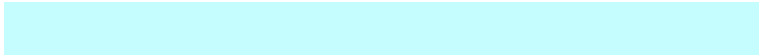
89.3409, 0.3478, 0.3296



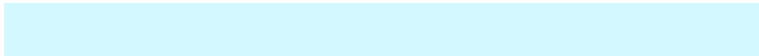
89.3409, 0.3331, 0.3656

Rectangle

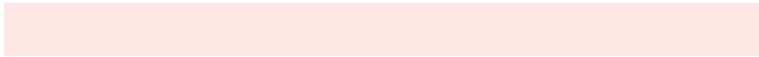
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



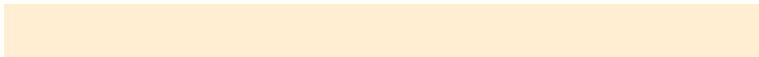
89.3409, 0.2787, 0.3268



89.3409, 0.2753, 0.3005



89.3409, 0.3478, 0.3296



89.3409, 0.3513, 0.3566

Sweetspot

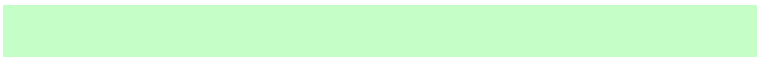
The Sweet Spot groups the original color and five complimentary colors.



89.3435, 0.2787, 0.3268



96.3819, 0.3018, 0.3284



87.5003, 0.3086, 0.3910



20.5660, 0.3009, 0.3283



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

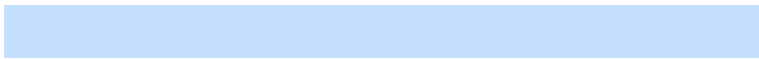
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.3435, 0.2787, 0.3268



87.7063, 0.2730, 0.3264



72.4130, 0.2763, 0.2954



20.3687, 0.2980, 0.3281



38.3519, 0.2217, 0.3183



3.7662, 0.2221, 0.3195

Inverse Universe

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



68.2591, 0.3168, 0.2740



63.5105, 0.3176, 0.2637



80.7238, 0.3529, 0.3604



18.2890, 0.3143, 0.3064



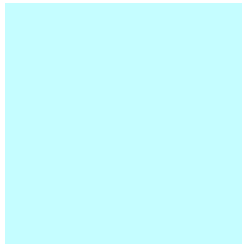
14.5996, 0.3297, 0.1590



1.4247, 0.3286, 0.1584

Previews

White Background



This preview shows how the Yxy color 89.3409, 0.2787, 0.3268 looks on a white background.

Color Contrast Check

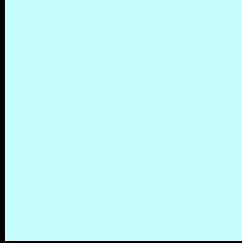
Large Text (above 18pt) WCAG AA × Fail

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 89.3409, 0.2787, 0.3268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

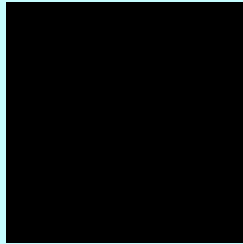
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

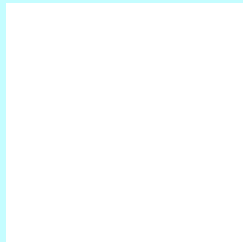
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.3409, 0.2787, 0.3268

Background



This preview shows how black text looks on a background with the Yxy color 89.3409, 0.2787, 0.3268.

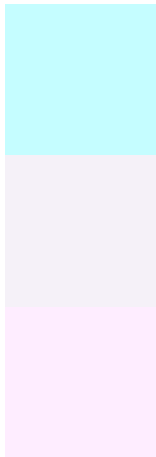


This preview shows how white text looks on a background with the Yxy color 89.3409, 0.2787, 0.3268.

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

89.3409, 0.2787, 0.3268

Protanopia

89.1004, 0.3111, 0.3221

Deuteranopia

88.8592, 0.3129, 0.3117



Tritanopia

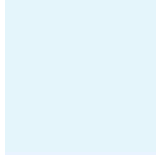
89.1391, 0.2944, 0.3199

Trichromacy



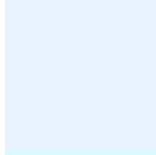
Original Color

89.3409, 0.2787, 0.3268



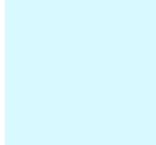
Protanomaly

88.7638, 0.2985, 0.3229



Deuteranomaly

88.6448, 0.2993, 0.3170



Tritanomaly

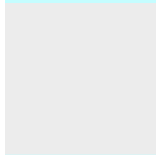
89.4184, 0.2886, 0.3228

Monochromacy



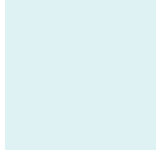
Original Color

89.3409, 0.2787, 0.3268



Achromatopsia

83.8799, 0.3127, 0.3290



Achromatomaly

85.5049, 0.2994, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.3409, 0.2787, 0.3268 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, 253, 255)` looks like.

```
.text, #text, p{  
    color:rgb(197, 253, 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, 253, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 253, 255) }
```

Border

The CSS property to change the border of an element to Yxy 89.3409, 0.2787, 0.3268 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, 253, 255) }
```

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

```
.border{ border-color:rgb(197, 253, 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, 253, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 253, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 253, 255);  
box-shadow:4px 4px 4px 4px rgb(197, 253,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 89.3409, 0.2787, 0.3268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 253, 255) }
```

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

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