

Converting Colors

$Yxy(89.0011, 0.2846, 0.3237)$

Have a look what the booklet for
Yxy(89.0011, 0.2846, 0.3237)
contains.

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Color

Yxy(89.0011, 0.2846, 0.3237)

Conversions

Conversions Part 1

Format	Color
Hex	D0FAFF
RGB	208, 250, 255
RGB Percent	82%, 98%, 100%
CMY	0.1844, 0.0196, 0.0000
CMYK	0.18, 0.02, 0.00, 0.00
HSL	186°, 100%, 91%
HSV	186°, 18%, 100%
XYZ	78.2506, 89.0011, 107.6977
YIQ	238.0120, -26.6370, -7.3490

Conversions

Conversions Part 2

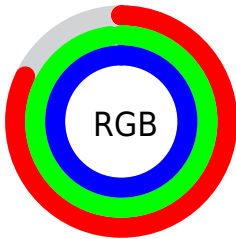
Format	Color
R_{YB}	208, 230, 255
Decimal	13695743
CIE _{Lab}	95.58, -12.33, -6.89
CIE _{LCh}	96, 14.128, 209.193
Yxy	89.0011, 0.2846, 0.3237
Android (android.graphics.Color)	4291885823 (0xFFD0FAFF)
YUV	238.0120, 8.3751, -26.3205
Hunter-Lab	94.3404, -17.0390, -1.6463

Details

The Yxy color **89.0011, 0.2846, 0.3237** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.3946, 0.3479, 0.3342**, and the grayscale version is **85.4578, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.9894, 0.2789, 0.3222** is the 20% darker color. If you saturate the color by 10%, you get **83.9262, 0.2705, 0.3206**, and if you desaturate by 10%, it is **94.6961, 0.2996, 0.3267**.

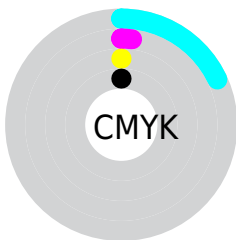
Distribution



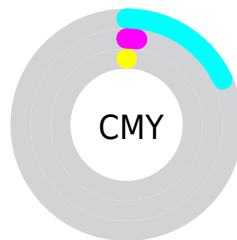
- Red (82%)
- Green (98%)
- Blue (100%)



- Red (82%)
- Yellow (90%)
- Blue (100%)



- Cyan (18%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)





- Cyan (18%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.0011, 0.2846, 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 89.0011, 0.2846, 0.3237 by changing the saturation by 10% instead.


 89.0011, 0.2846,
0.3237

 89.0011, 0.2846,
0.3237

524.7761, 0.2970,
0.3262

 67.1525, 0.2819,
0.3231

145.9501, 0.2888,
0.3246

 49.2085, 0.2786,
0.3224


181.8192, 0.2905,
0.3249

 34.7849, 0.2745,
0.3215


223.1307, 0.2919,
0.3252

 23.4973, 0.2693,
0.3202

270.2688, 0.2932,
0.3255

 14.9611, 0.2625,
0.3186

323.6180, 0.2943,
0.3257

 8.7921, 0.2532,
0.3162

383.5627, 0.2953,

 4.6058, 0.2397,

0.3259

0.3124

450.4873, 0.2962,
0.3261

■ 2.0179, 0.2185,
0.3057

■ 0.6178, 0.1382,
0.2983

■ 89.0011, 0.2846,
0.3237

■ 89.0011, 0.2846,
0.3237

■ 83.9262, 0.2705,
0.3206

■ 94.6961, 0.2996,
0.3267

■ 79.4403, 0.2574,
0.3172

100.0000, 0.3127,
0.3290

■ 75.5136, 0.2459,
0.3136

■ 72.1125, 0.2360,
0.3100

■ 69.1994, 0.2280,
0.3062

■ 66.7318, 0.2220,
0.3025

■ 64.6591, 0.2179,
0.2988

■ 62.9108, 0.2155,
0.2951

■ 62.6517, 0.2152,
0.2945

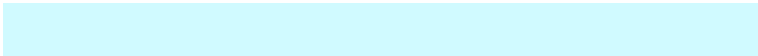
Harmonies

Analogous

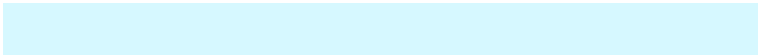
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.0011, 0.2942, 0.3385



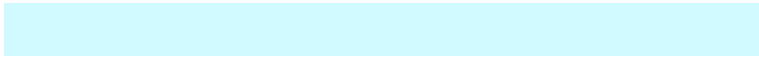
89.0011, 0.2846, 0.3237



89.0011, 0.2824, 0.3109

Triad

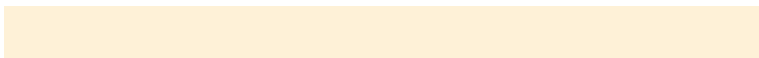
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.0011, 0.2846, 0.3237



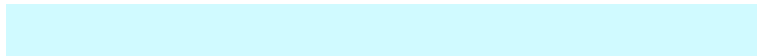
89.0011, 0.3161, 0.3086



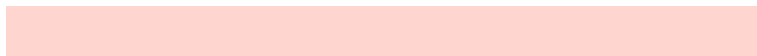
89.0011, 0.3377, 0.3549

Complementary

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



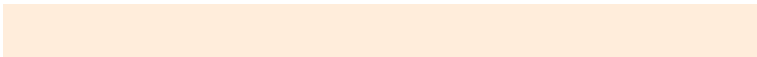
89.0011, 0.2846, 0.3237



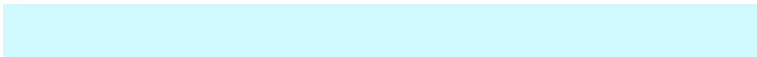
73.3946, 0.3479, 0.3342

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.



89.0011, 0.3440, 0.3461



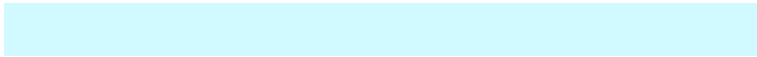
89.0011, 0.2846, 0.3237



89.0011, 0.3313, 0.3196

Square

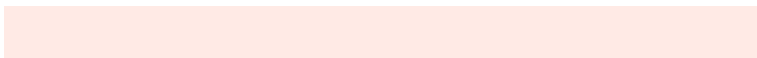
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.0011, 0.2846, 0.3237



89.0011, 0.3002, 0.3027



89.0011, 0.3417, 0.3332



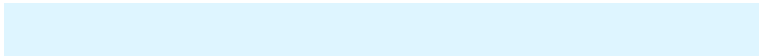
89.0011, 0.3248, 0.3568

Rectangle

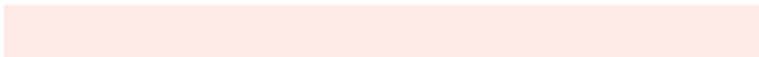
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.0011, 0.2846, 0.3237



89.0011, 0.2853, 0.3052



89.0011, 0.3417, 0.3332



89.0011, 0.3407, 0.3526

Sweetspot

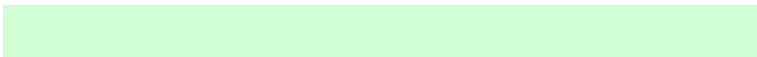
The Sweet Spot groups the original color and five complimentary colors.



89.0020, 0.2846, 0.3237



96.1797, 0.3034, 0.3274



89.7167, 0.3077, 0.3744



20.5005, 0.3024, 0.3272



0.0000, 0.0000, 0.0000



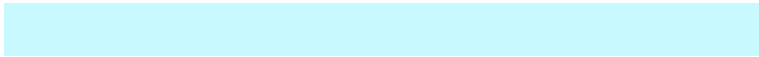
21.4041, 0.3127, 0.3290

Same Dimension

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



89.0020, 0.2846, 0.3237



87.1233, 0.2795, 0.3226



75.4536, 0.2832, 0.2990



20.1321, 0.2980, 0.3264



32.8700, 0.2153, 0.2952



3.2911, 0.2165, 0.2993

Inverse Universe

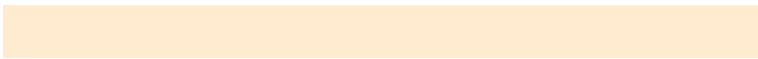
The Inverse Universe completely reimagines the original color for something new.



73.2688, 0.3183, 0.2877



68.9028, 0.3195, 0.2796



85.9172, 0.3438, 0.3573



18.2651, 0.3154, 0.3080



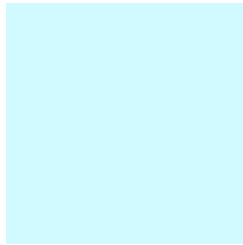
14.0462, 0.3497, 0.1700



1.3768, 0.3460, 0.1680

Previews

White Background



This preview shows how the Yxy color 89.0011, 0.2846, 0.3237 looks on a white background.

Color Contrast Check

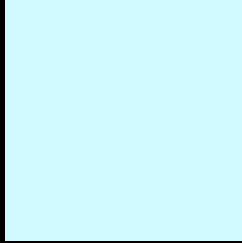
Large Text (above 18pt) WCAG AA × Fail

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 89.0011, 0.2846, 0.3237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

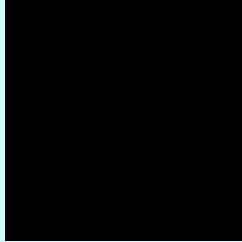
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 89.0011, 0.2846, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 89.0011, 0.2846, 0.3237.

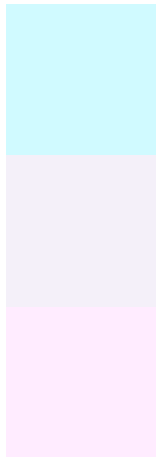


This preview shows how white text looks on a background with the Yxy color 89.0011, 0.2846, 0.3237.

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

89.0011, 0.2846, 0.3237

Protanopia

88.3928, 0.3099, 0.3201

Deuteranopia

88.4709, 0.3136, 0.3107



Tritanopia

88.8557, 0.2956, 0.3189

Trichromacy



Original Color

89.0011, 0.2846, 0.3237

Protanomaly

88.6553, 0.3004, 0.3219

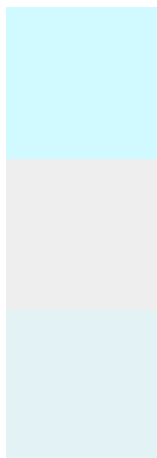
Deuteranomaly

88.3077, 0.3025, 0.3151

Tritanomaly

88.9572, 0.2915, 0.3208

Monochromacy



Original Color

89.0011, 0.2846, 0.3237

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

86.3668, 0.3019, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.0011, 0.2846, 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(208, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(208, 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(208, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 250, 255) }
```

Border

The CSS property to change the border of an element to Yxy 89.0011, 0.2846, 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(208, 250, 255) }
```

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

```
.border{ border-color:rgb(208, 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(208, 250, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(208, 250,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 89.0011, 0.2846, 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(208, 250, 255) }
```

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

```
.background{ background-color: rgb(208,  
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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