

Converting Colors

$Yxy(88.7353, 0.2829, 0.3281)$

Have a look what the booklet for
Yxy(88.7353, 0.2829, 0.3281)
contains.

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Color

Yxy(88.5792, 0.2829, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	CAFBFC
RGB	202, 251, 252
RGB Percent	79%, 98%, 99%
CMY	0.2078, 0.0157, 0.0119
CMYK	0.20, 0.00, 0.00, 0.01
HSL	181°, 89%, 89%
HSV	181°, 20%, 99%
XYZ	76.4229, 88.5792, 105.1388
YIQ	236.4630, -29.5250, -10.0770

Conversions

Conversions Part 2

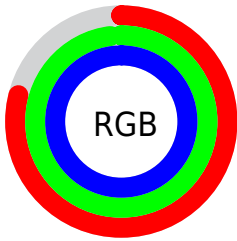
Format	Color
R _Y B	202, 227, 252
Decimal	13302780
CIE Lab	95.40, -15.25, -5.60
CIE LCh	95, 16.247, 200.179
Yxy	88.5792, 0.2829, 0.3279
Android (android.graphics.Color)	4291492860 (0xFFCAFBCF)
YUV	236.4630, 7.6597, -30.2241
Hunter-Lab	94.1165, -19.7615, -0.3521

Details

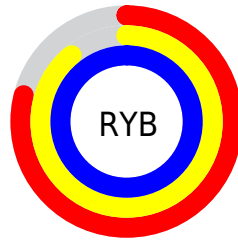
The Yxy color **88.5792, 0.2829, 0.3279** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.6553, 0.3520, 0.3301**, and the grayscale version is **84.2136, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.7267, 0.2768, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **85.0466, 0.2694, 0.3273**, and if you desaturate by 10%, it is **92.6937, 0.2975, 0.3285**.

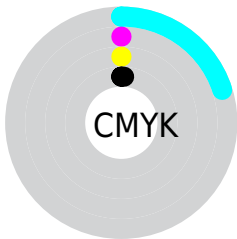
Distribution



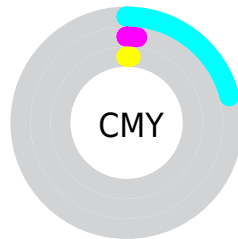
- Red (79%)
- Green (98%)
- Blue (99%)



- Red (79%)
- Yellow (89%)
- Blue (99%)



- Cyan (20%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)





- Cyan (21%)
- Magenta (2%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.5792, 0.2829, 0.3279 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 88.5792, 0.2829, 0.3279 by changing the saturation by 10% instead.

 88.5792, 0.2829,
0.3279

 88.5792, 0.2829,
0.3279


523.3981, 0.2961,
0.3286

 66.8029, 0.2800,
0.3277

145.3633, 0.2874,
0.3281

 48.9244, 0.2765,
0.3275


181.1398, 0.2891,
0.3282

 34.5595, 0.2722,
0.3272


222.3518, 0.2907,
0.3283

 23.3238, 0.2666,
0.3267

269.3837, 0.2920,
0.3284

 14.8328, 0.2594,
0.3261

322.6198, 0.2932,
0.3284

 8.7021, 0.2495,
0.3251


382.4447, 0.2943,


 4.5474, 0.2351,


0.3285

0.3233


449.2427, 0.2952,
0.3285


 1.9842, 0.2124,
0.3198


 0.5983, 0.1067,
0.3251


 88.5792, 0.2829,
0.3279


 88.5792, 0.2829,
0.3279


 85.0466, 0.2694,
0.3273

 92.6937, 0.2975,
0.3285


 82.0572, 0.2573,
0.3267


 97.4051, 0.3130,
0.3290


 79.5844, 0.2469,
0.3260


 98.1995, 0.3146,
0.3295


 77.5953, 0.2384,
0.3253


 98.5060, 0.3146,
0.3299

 76.0530, 0.2318,
0.3247


 98.8133, 0.3145,
0.3304

 74.9153, 0.2272,
0.3240


 99.1214, 0.3145,
0.3309


 74.1319, 0.2244,
0.3234

 99.4303, 0.3145,
0.3313

 73.6220, 0.2230,
0.3228

 99.7400, 0.3145,
0.3318

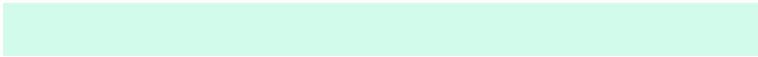
 73.6140, 0.2230,
0.3228

 99.8064, 0.3145,
0.3319

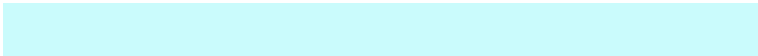
Harmonies

Analogous

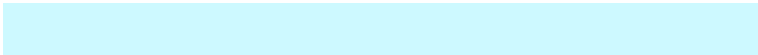
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.5792, 0.2960, 0.3447



88.5792, 0.2829, 0.3279



88.5792, 0.2777, 0.3120

Triad

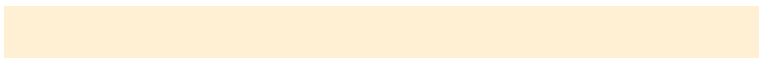
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.5792, 0.2829, 0.3279



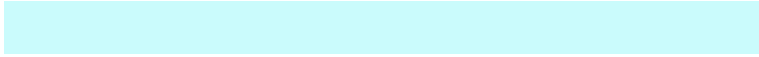
88.5792, 0.3109, 0.3028



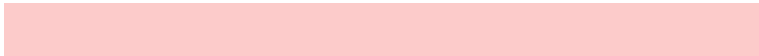
88.5792, 0.3447, 0.3564

Complementary

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



88.5792, 0.2829, 0.3279



67.6553, 0.3520, 0.3301

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.



88.5792, 0.3491, 0.3444



88.5792, 0.2829, 0.3279



88.5792, 0.3292, 0.3139

Square

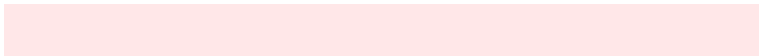
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.5792, 0.2829, 0.3279



88.5792, 0.2935, 0.2982



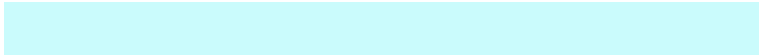
88.5792, 0.3434, 0.3289



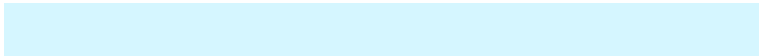
88.5792, 0.3316, 0.3614

Rectangle

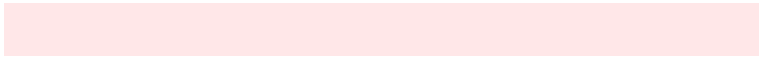
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



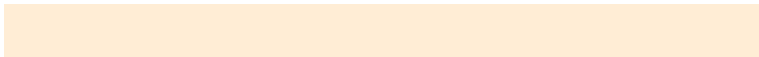
88.5792, 0.2829, 0.3279



88.5792, 0.2792, 0.3041



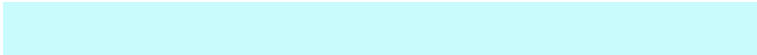
88.5792, 0.3434, 0.3289



88.5792, 0.3472, 0.3530

Sweetspot

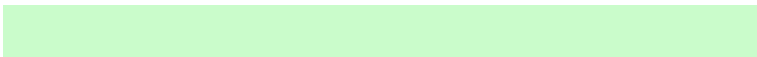
The Sweet Spot groups the original color and five complimentary colors.



88.5828, 0.2829, 0.3279



97.0246, 0.3034, 0.3287



86.4647, 0.3097, 0.3829



20.7009, 0.3024, 0.3287



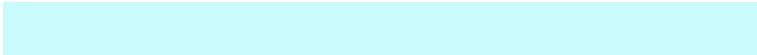
0.0000, 0.0000, 0.0000



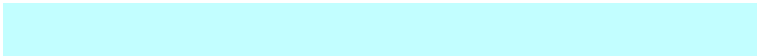
21.4041, 0.3127, 0.3290

Same Dimension

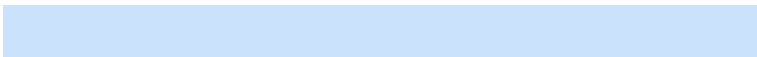
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.5828, 0.2829, 0.3279



89.4317, 0.2771, 0.3277



74.0635, 0.2812, 0.3011



19.5477, 0.2980, 0.3285



38.3836, 0.2230, 0.3229



3.5728, 0.2232, 0.3236

Inverse Universe

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



69.9020, 0.3157, 0.2805



66.8988, 0.3164, 0.2701



80.3446, 0.3472, 0.3554



17.5185, 0.3141, 0.3061



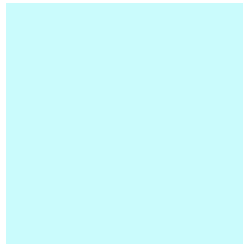
14.2858, 0.3258, 0.1568



1.3249, 0.3252, 0.1565

Previews

White Background



This preview shows how the Yxy color 88.5792, 0.2829, 0.3279 looks on a white background.

Color Contrast Check

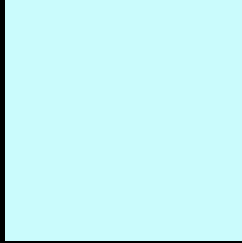
Large Text (above 18pt) WCAG AA × Fail

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 88.5792, 0.2829, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

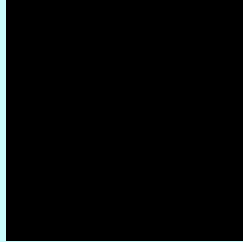
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.5792, 0.2829, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 88.5792, 0.2829, 0.3279.

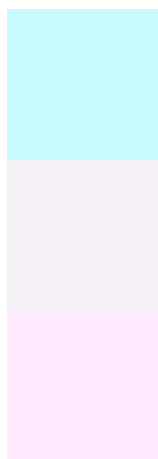


This preview shows how white text looks on a background with the Yxy color 88.5792, 0.2829, 0.3279.

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

88.5792, 0.2829, 0.3279

Protanopia

88.1458, 0.3123, 0.3240

Deuteranopia

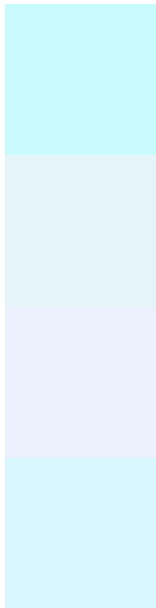
87.7685, 0.3149, 0.3116



Tritanopia

88.3721, 0.2938, 0.3188

Trichromacy



Original Color

88.5792, 0.2829, 0.3279

Protanomaly

88.1367, 0.3008, 0.3249

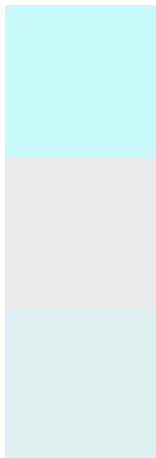
Deuteranomaly

87.8353, 0.3024, 0.3170

Tritanomaly

88.2762, 0.2897, 0.3218

Monochromacy



Original Color

88.5792, 0.2829, 0.3279

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

85.1687, 0.3012, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.5792, 0.2829, 0.3279 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(202, 251, 252)` looks like.

```
.text, #text, p{  
    color:rgb(202, 251, 252)  
}
```

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(202, 251, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 251, 252) }
```

Border

The CSS property to change the border of an element to Yxy 88.5792, 0.2829, 0.3279 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(202, 251, 252) }
```

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

```
.border{ border-color:rgb(202, 251, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 251, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 251, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 251, 252);  
box-shadow:4px 4px 4px 4px rgb(202, 251,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 88.5792, 0.2829, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 251, 252) }
```

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

```
.background{ background-color: rgb(202,  
251, 252) }
```

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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