

Converting Colors

$Yxy(88.9569, 0.2821, 0.3247)$

Have a look what the booklet for
Yxy(88.9569, 0.2821, 0.3247)
contains.

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Color

Yxy(88.9109, 0.2819, 0.3247)

Conversions

Conversions Part 1

Format	Color
Hex	CBFBFF
RGB	203, 251, 255
RGB Percent	80%, 98%, 100%
CMY	0.2037, 0.0157, 0.0000
CMYK	0.20, 0.02, 0.00, 0.00
HSL	185°, 100%, 90%
HSV	185°, 20%, 100%
XYZ	77.1912, 88.9109, 107.7227
YIQ	237.1040, -29.8920, -8.9320

Conversions

Conversions Part 2

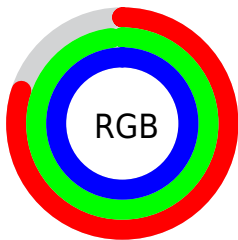
Format	Color
R _Y B	203, 228, 255
Decimal	13368319
CIE Lab	95.54, -14.30, -6.97
CIE LCh	96, 15.904, 205.997
Yxy	88.9109, 0.2819, 0.3247
Android (android.graphics.Color)	4291558399 (0xFFCBBFF)
YUV	237.1040, 8.8227, -29.9092
Hunter-Lab	94.2926, -18.8857, -1.7299

Details

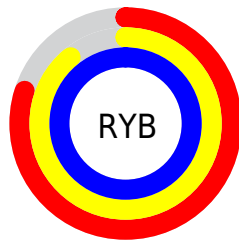
The Yxy color **88.9109, 0.2819, 0.3247** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.2360, 0.3528, 0.3332**, and the grayscale version is **84.7296, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.9567, 0.2755, 0.3235** is the 20% darker color. If you saturate the color by 10%, you get **84.3968, 0.2681, 0.3224**, and if you desaturate by 10%, it is **94.0304, 0.2967, 0.3269**.

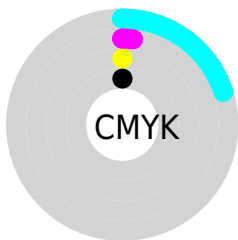
Distribution



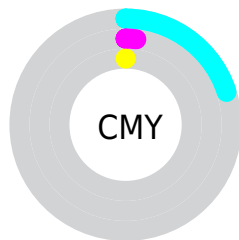
- Red (80%)
- Green (98%)
- Blue (100%)



- Red (80%)
- Yellow (89%)
- Blue (100%)



- Cyan (20%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)





- Cyan (20%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.9109, 0.2819, 0.3247 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 88.9109, 0.2819, 0.3247 by changing the saturation by 10% instead.

 88.9109, 0.2819,
0.3247

 88.9109, 0.2819,
0.3247

524.4817, 0.2955,
0.3268

 67.0777, 0.2789,
0.3242

145.8247, 0.2865,
0.3254

 49.1478, 0.2753,
0.3236

181.6740, 0.2883,
0.3257

 34.7367, 0.2709,
0.3228


222.9642, 0.2899,
0.3260

 23.4601, 0.2652,
0.3217

270.0796, 0.2913,
0.3262

 14.9336, 0.2578,
0.3202

323.4047, 0.2926,
0.3264

 8.7728, 0.2476,
0.3180

383.3238, 0.2937,

 4.5933, 0.2329,

0.3265

0.3145

450.2213, 0.2946,
0.3267

■ 2.0107, 0.2099,
0.3082

■ 0.6137, 0.1162,
0.3043

■ 88.9109, 0.2819,
0.3247

■ 88.9109, 0.2819,
0.3247

■ 84.3968, 0.2681,
0.3224

■ 94.0304, 0.2967,
0.3269

■ 80.4538, 0.2556,
0.3199

99.7764, 0.3121,
0.3289

■ 77.0524, 0.2447,
0.3173

100.0000, 0.3127,
0.3290

■ 74.1584, 0.2355,
0.3147

■ 71.7336, 0.2283,
0.3120

■ 69.7341, 0.2231,
0.3093

■ 68.1076, 0.2197,
0.3067

■ 66.8126, 0.2178,
0.3042

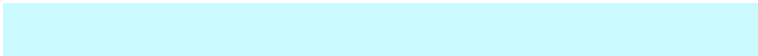
Harmonies

Analogous

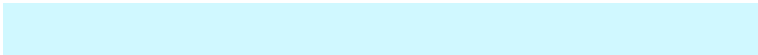
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.9109, 0.2934, 0.3414



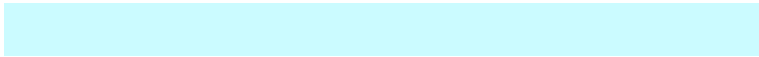
88.9109, 0.2819, 0.3247



88.9109, 0.2785, 0.3099

Triad

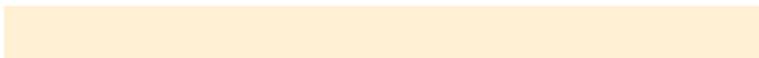
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.9109, 0.2819, 0.3247



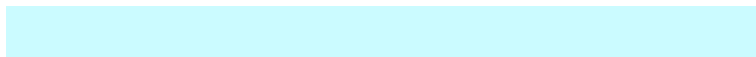
88.9109, 0.3145, 0.3051



88.9109, 0.3420, 0.3574

Complementary

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



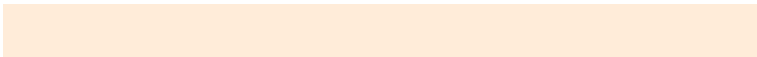
88.9109, 0.2819, 0.3247



70.2360, 0.3528, 0.3332

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.



88.9109, 0.3482, 0.3467



88.9109, 0.2819, 0.3247



88.9109, 0.3320, 0.3169

Square

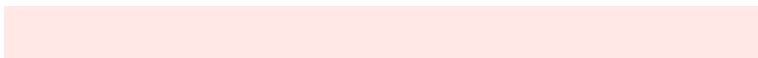
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.9109, 0.2819, 0.3247



88.9109, 0.2969, 0.2992



88.9109, 0.3445, 0.3320



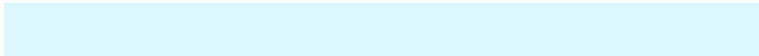
88.9109, 0.3280, 0.3606

Rectangle

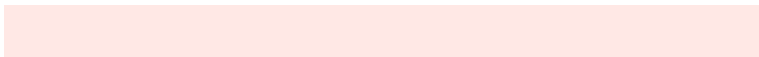
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.9109, 0.2819, 0.3247



88.9109, 0.2811, 0.3030



88.9109, 0.3445, 0.3320



88.9109, 0.3451, 0.3545

Sweetspot

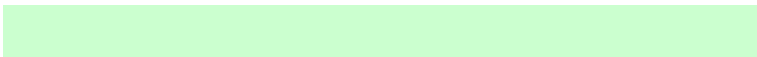
The Sweet Spot groups the original color and five complimentary colors.



88.9128, 0.2819, 0.3247



96.4612, 0.3034, 0.3278



88.7071, 0.3081, 0.3817



20.5672, 0.3024, 0.3277



0.0000, 0.0000, 0.0000



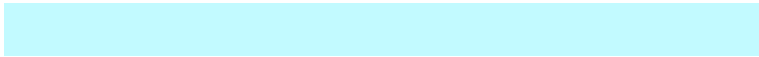
21.4041, 0.3127, 0.3290

Same Dimension

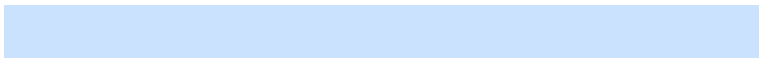
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.9128, 0.2819, 0.3247



87.2043, 0.2768, 0.3239



74.0837, 0.2801, 0.2974



20.2271, 0.2980, 0.3271



35.0119, 0.2180, 0.3046



3.4775, 0.2188, 0.3076

Inverse Universe

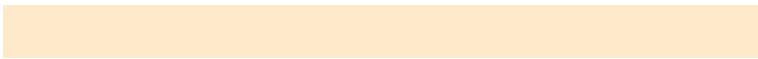
The Inverse Universe completely reimagines the original color for something new.



70.9657, 0.3179, 0.2819



66.6739, 0.3189, 0.2734



83.5664, 0.3478, 0.3587



18.2747, 0.3150, 0.3074



14.2624, 0.3414, 0.1654



1.3956, 0.3388, 0.1640

Previews

White Background



This preview shows how the Yxy color 88.9109, 0.2819, 0.3247 looks on a white background.

Color Contrast Check

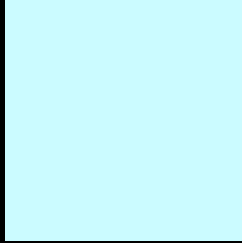
Large Text (above 18pt) WCAG AA × Fail

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 88.9109, 0.2819, 0.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

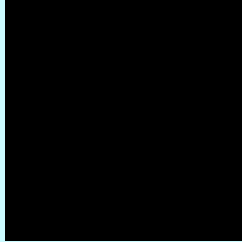
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.9109, 0.2819, 0.3247

Background



This preview shows how black text looks on a background with the Yxy color 88.9109, 0.2819, 0.3247.

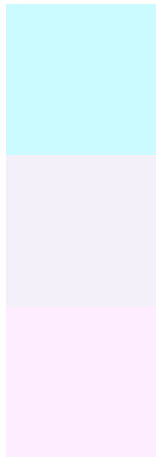


This preview shows how white text looks on a background with the Yxy color 88.9109, 0.2819, 0.3247.

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

88.9109, 0.2819, 0.3247

Protanopia

88.3928, 0.3099, 0.3201

Deuteranopia

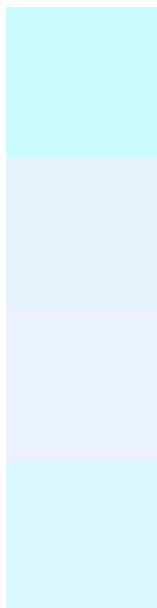
88.2817, 0.3129, 0.3107



Tritanopia

88.5324, 0.2944, 0.3188

Trichromacy



Original Color

88.9109, 0.2819, 0.3247

Protanomaly

88.3244, 0.2991, 0.3219

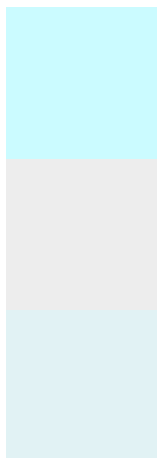
Deuteranomaly

87.7928, 0.3006, 0.3150

Tritanomaly

88.4932, 0.2897, 0.3207

Monochromacy



Original Color

88.9109, 0.2819, 0.3247

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

86.0435, 0.3007, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.9109, 0.2819, 0.3247 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(203, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(203, 251, 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(203, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 251, 255) }
```

Border

The CSS property to change the border of an element to Yxy 88.9109, 0.2819, 0.3247 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(203, 251, 255) }
```

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

```
.border{ border-color:rgb(203, 251, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(203, 251,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 88.9109, 0.2819, 0.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 251, 255) }
```

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

```
.background{ background-color: rgb(203,  
251, 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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