

Converting Colors

$Yxy(88.0408, 0.2922, 0.3222)$

Have a look what the booklet for
Yxy(88.0408, 0.2922, 0.3222)
contains.

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Color

Yxy(88.0635, 0.2919, 0.3218)

Conversions

Conversions Part 1

Format	Color
Hex	DBF6FD
RGB	219, 246, 253
RGB Percent	86%, 96%, 99%
CMY	0.1415, 0.0352, 0.0078
CMYK	0.13, 0.03, 0.00, 0.01
HSL	192°, 89%, 93%
HSV	192°, 13%, 99%
XYZ	79.8811, 88.0635, 105.7145
YIQ	238.7250, -18.3390, -3.5470

Conversions

Conversions Part 2

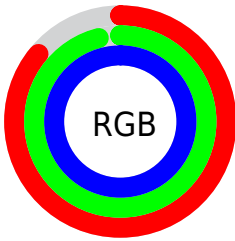
Format	Color
R _Y B	219, 234, 253
Decimal	14415613
CIE Lab	95.19, -7.41, -6.34
CIE LCh	95, 9.748, 220.557
Yxy	88.0635, 0.2919, 0.3218
Android (android.graphics.Color)	4292605693 (0xFFDBF6FD)
YUV	238.7250, 7.0376, -17.2988
Hunter-Lab	93.8422, -12.2795, -1.1015

Details

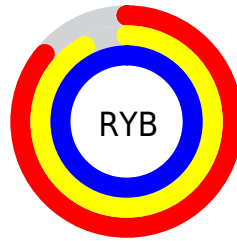
The Yxy color **88.0635, 0.2919, 0.3218** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80.3304, 0.3366, 0.3361**, and the grayscale version is **86.0394, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.7049, 0.2880, 0.3210** is the 20% darker color. If you saturate the color by 10%, you get **81.3318, 0.2769, 0.3159**, and if you desaturate by 10%, it is **95.4866, 0.3073, 0.3272**.

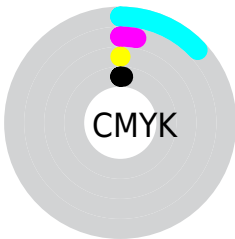
Distribution



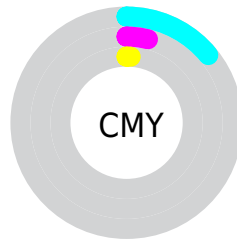
- Red (86%)
- Green (96%)
- Blue (99%)



- Red (86%)
- Yellow (92%)
- Blue (99%)



- Cyan (13%)
- Magenta (3%)
- Yellow (0%)
- Black (1%)



- Cyan (14%)
- Magenta (4%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.0635, 0.2919, 0.3218 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 88.0635, 0.2919, 0.3218 by changing the saturation by 10% instead.

88.0635, 0.2919,
0.3218

88.0635, 0.2919,
0.3218

521.7112, 0.3012,
0.3251

66.3757, 0.2899,
0.3211

144.6456, 0.2950,
0.3229

48.5774, 0.2874,
0.3201

180.3086, 0.2963,
0.3234

34.2844, 0.2843,
0.3190

221.3988, 0.2974,
0.3238

23.1122, 0.2804,
0.3175

268.3005, 0.2983,
0.3241

14.6763, 0.2753,
0.3155

321.3982, 0.2991,
0.3244

8.5926, 0.2682,
0.3126

381.0763, 0.2999,

4.4764, 0.2579,

0.3247

0.3083

447.7192, 0.3006,
0.3249

■ 1.9435, 0.2413,
0.3009

■ 0.5743, 0.1815,
0.2855

■ 88.0635, 0.2919,
0.3218

■ 88.0635, 0.2919,
0.3218

■ 81.3318, 0.2769,
0.3159

■ 95.4866, 0.3073,
0.3272

■ 75.2530, 0.2625,
0.3094

99.8718, 0.3139,
0.3309

■ 69.8012, 0.2493,
0.3026

■ 64.9441, 0.2373,
0.2954

■ 60.6466, 0.2271,
0.2880

■ 56.8687, 0.2187,
0.2804

■ 53.5647, 0.2123,
0.2729

■ 50.6788, 0.2078,
0.2654

■ 48.9675, 0.2057,
0.2605

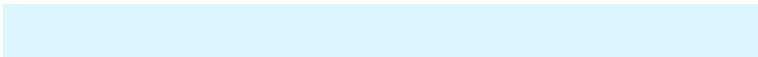
Harmonies

Analogous

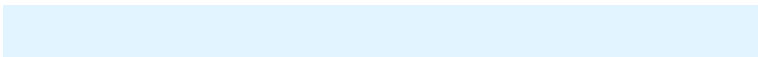
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.0635, 0.2968, 0.3318



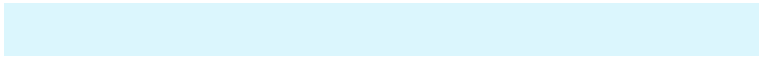
88.0635, 0.2919, 0.3218



88.0635, 0.2925, 0.3140

Triad

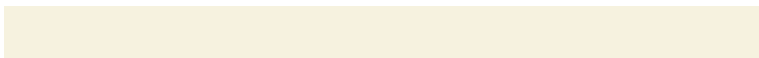
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.0635, 0.2919, 0.3218



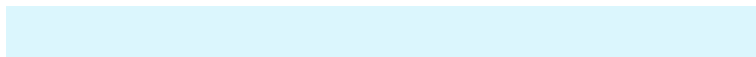
88.0635, 0.3193, 0.3173



88.0635, 0.3271, 0.3480

Complementary

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



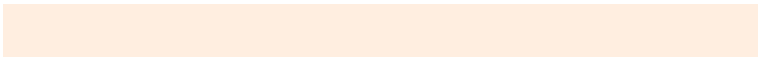
88.0635, 0.2919, 0.3218



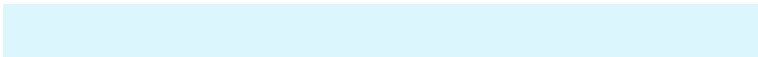
80.3304, 0.3366, 0.3361

Split Complementary

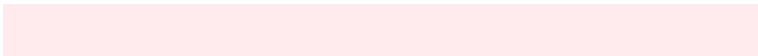
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.0635, 0.3334, 0.3437



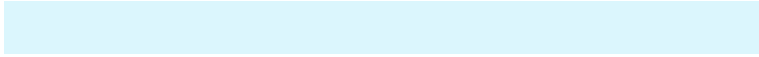
88.0635, 0.2919, 0.3218



88.0635, 0.3288, 0.3260

Square

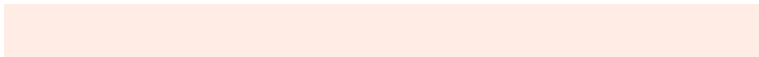
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



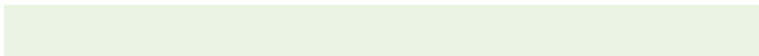
88.0635, 0.2919, 0.3218



88.0635, 0.3081, 0.3117



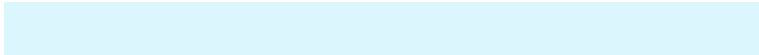
88.0635, 0.3340, 0.3356



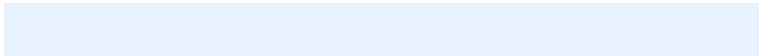
88.0635, 0.3170, 0.3471

Rectangle

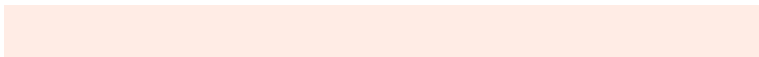
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



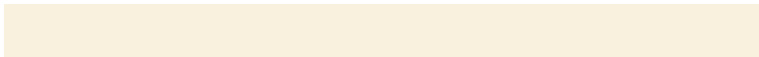
88.0635, 0.2919, 0.3218



88.0635, 0.2959, 0.3111



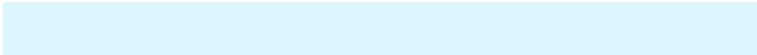
88.0635, 0.3340, 0.3356



88.0635, 0.3297, 0.3471

Sweetspot

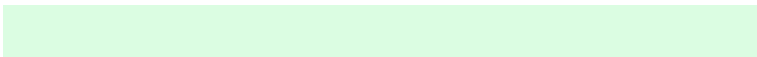
The Sweet Spot groups the original color and five complimentary colors.



88.0672, 0.2919, 0.3218



96.7918, 0.3065, 0.3270



90.7753, 0.3072, 0.3574



20.5911, 0.3053, 0.3266



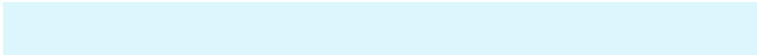
0.0000, 0.0000, 0.0000



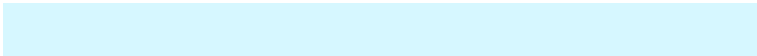
21.4041, 0.3127, 0.3290

Same Dimension

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



88.0672, 0.2919, 0.3218



87.8537, 0.2880, 0.3203



78.2600, 0.2914, 0.3041



19.8128, 0.2980, 0.3240



26.2641, 0.2060, 0.2617



2.7091, 0.2084, 0.2702

Inverse Universe

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



78.1614, 0.3189, 0.3023



76.1482, 0.3202, 0.2971



89.9608, 0.3343, 0.3527



18.2329, 0.3170, 0.3103



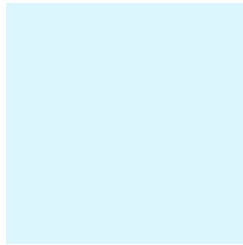
13.3793, 0.3807, 0.1871



1.3180, 0.3726, 0.1826

Previews

White Background



This preview shows how the Yxy color 88.0635, 0.2919, 0.3218 looks on a white background.

Color Contrast Check

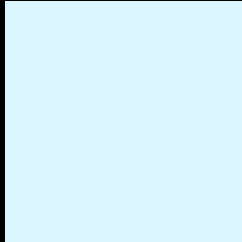
Large Text (above 18pt) WCAG AA × Fail

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 88.0635, 0.2919, 0.3218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

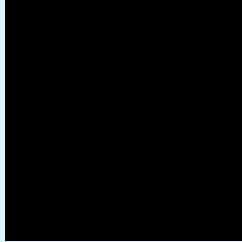
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

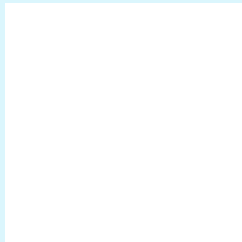
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.0635, 0.2919, 0.3218

Background



This preview shows how black text looks on a background with the Yxy color 88.0635, 0.2919, 0.3218.

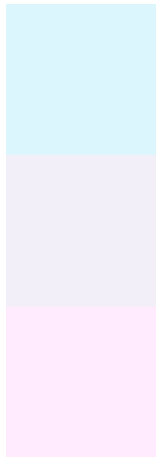


This preview shows how white text looks on a background with the Yxy color 88.0635, 0.2919, 0.3218.

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

88.0635, 0.2919, 0.3218

Protanopia

87.6272, 0.3093, 0.3191

Deuteranopia

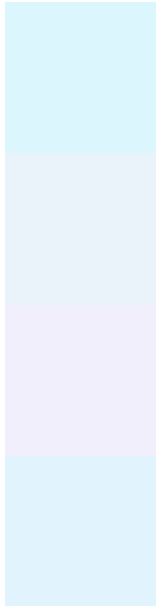
87.7685, 0.3149, 0.3116



Tritanopia

87.9792, 0.2968, 0.3169

Trichromacy



Original Color

88.0635, 0.2919, 0.3218

Protanomaly

87.8988, 0.3028, 0.3209

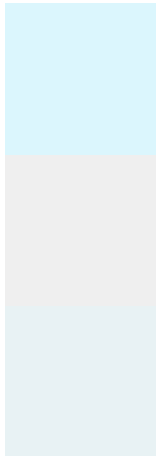
Deuteranomaly

87.7021, 0.3062, 0.3152

Tritanomaly

87.8647, 0.2950, 0.3188

Monochromacy



Original Color

88.0635, 0.2919, 0.3218

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

87.1917, 0.3051, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.0635, 0.2919, 0.3218 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(219, 246, 253)` looks like.

```
.text, #text, p{  
    color:rgb(219, 246, 253)  
}
```

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(219, 246, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 246, 253) }
```

Border

The CSS property to change the border of an element to Yxy 88.0635, 0.2919, 0.3218 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(219, 246, 253) }
```

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

```
.border{ border-color:rgb(219, 246, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 246, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 246, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 246, 253);  
box-shadow:4px 4px 4px 4px rgb(219, 246,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 88.0635, 0.2919, 0.3218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 246, 253) }
```

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

```
.background{ background-color: rgb(219,  
246, 253) }
```

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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