

Converting Colors

$Y_{xy}(100.0000, 0.2879, 0.2942)$

Have a look what the booklet for
Yxy(100.0000, 0.2879, 0.2942)
contains.

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Color

Yxy(97.0634, 0.3072, 0.3271)

Conversions

Conversions Part 1

Format	Color
Hex	F6FDFF
RGB	246, 253, 255
RGB Percent	96%, 99%, 100%
CMY	0.0356, 0.0077, 0.0001
CMYK	0.04, 0.01, 0.00, 0.00
HSL	193°, 99%, 98%
HSV	193°, 4%, 100%
XYZ	91.1583, 97.0634, 108.5175
YIQ	251.1350, -4.8140, -0.8620

Conversions

Conversions Part 2

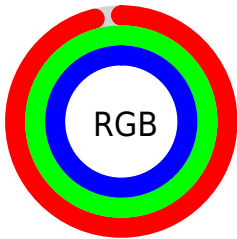
Format	Color
R _Y B	246, 250, 255
Decimal	16186879
CIE Lab	98.85, -1.97, -1.75
CIE LCh	99, 2.638, 221.652
Yxy	97.0634, 0.3072, 0.3271
Android (android.graphics.Color)	4294376959 (0xFFFF6DFF)
YUV	251.1350, 1.9054, -4.5034
Hunter-Lab	98.5208, -7.2507, 3.6585

Details

The Yxy color 97.0634, 0.3072, 0.3271 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 94.9613, 0.3184, 0.3309, and the grayscale version is 96.5673, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.5042, 0.3065, 0.3265 is the 20% darker color. If you saturate the color by 10%, you get 89.3569, 0.2918, 0.3214, and if you desaturate by 10%, it is 99.9985, 0.3127, 0.3290.

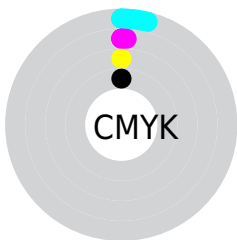
Distribution



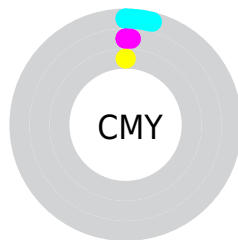
- Red (96%)
- Green (99%)
- Blue (100%)



- Red (96%)
- Yellow (98%)
- Blue (100%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)




- Cyan (4%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 97.0634, 0.3072, 0.3271 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 97.0634, 0.3072, 0.3271 by changing the saturation by 10% instead.

 97.0634, 0.3072,
0.3271

 97.0634, 0.3072,
0.3271

550.7498, 0.3096,
0.3280

 73.8535, 0.3067,
0.3269


157.1122, 0.3080,
0.3274

 54.6742, 0.3060,
0.3267


194.7199, 0.3083,
0.3275

 39.1409, 0.3053,
0.3264


237.8958, 0.3086,
0.3276

 26.8694, 0.3043,
0.3261

287.0241, 0.3089,
0.3277

 17.4751, 0.3030,
0.3256

342.4892, 0.3091,
0.3278

 10.5738, 0.3012,
0.3249

404.6756, 0.3093,

 5.7811, 0.2986,

0.3278

0.3240

473.9677, 0.3095,
0.3279

■ 2.7124, 0.2946,
0.3225

■ 0.9835, 0.2875,
0.3198

■ 97.0634, 0.3072,
0.3271

■ 97.0634, 0.3072,
0.3271

■ 89.3569, 0.2918,
0.3214

99.9985, 0.3127,
0.3290

■ 82.3522, 0.2767,
0.3151

■ 76.0253, 0.2623,
0.3084

■ 70.3457, 0.2489,
0.3012

■ 65.2808, 0.2369,
0.2936

■ 60.7941, 0.2265,
0.2857

■ 56.8451, 0.2179,
0.2778

■ 53.3868, 0.2114,
0.2697

■ 50.3622, 0.2068,
0.2618

Harmonies

Analogous

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



97.0634, 0.3085, 0.3297



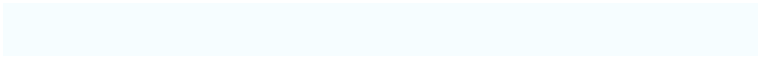
97.0634, 0.3072, 0.3271



97.0634, 0.3074, 0.3251

Triad

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



97.0634, 0.3072, 0.3271



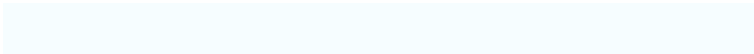
97.0634, 0.3146, 0.3260



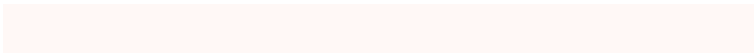
97.0634, 0.3164, 0.3340

Complementary

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



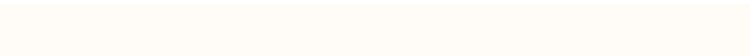
97.0634, 0.3072, 0.3271



94.9613, 0.3184, 0.3309

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.



97.0634, 0.3181, 0.3330



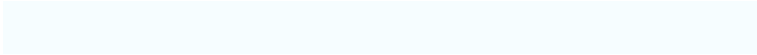
97.0634, 0.3072, 0.3271



97.0634, 0.3170, 0.3284

Square

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



97.0634, 0.3072, 0.3271



97.0634, 0.3117, 0.3244



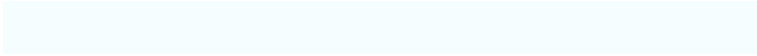
97.0634, 0.3183, 0.3309



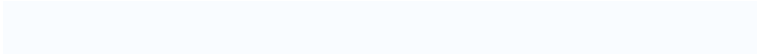
97.0634, 0.3138, 0.3337

Rectangle

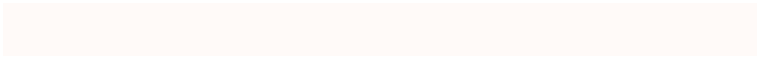
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



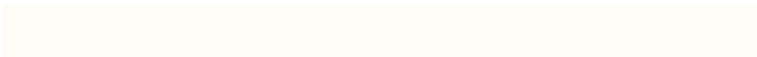
97.0634, 0.3072, 0.3271



97.0634, 0.3084, 0.3243



97.0634, 0.3183, 0.3309



97.0634, 0.3171, 0.3338

Sweetspot

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



97.0675, 0.3072, 0.3271



99.1701, 0.3112, 0.3285



97.8457, 0.3113, 0.3360



21.2352, 0.3112, 0.3285



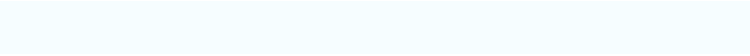
0.0000, 0.0000, 0.0000



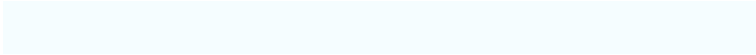
21.4041, 0.3127, 0.3290

Same Dimension

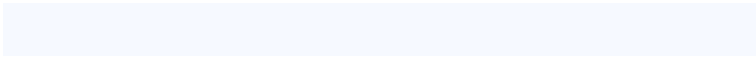
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97.0675, 0.3072, 0.3271



96.7247, 0.3065, 0.3269



94.3275, 0.3073, 0.3228



20.5740, 0.3053, 0.3264



25.6216, 0.2050, 0.2581



2.6518, 0.2075, 0.2671

Inverse Universe

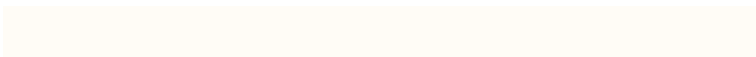
The Inverse Universe completely reimagines the original color for something new.



94.2157, 0.3143, 0.3222



93.5234, 0.3145, 0.3213



97.6902, 0.3181, 0.3351



19.7653, 0.3148, 0.3199



13.3145, 0.3843, 0.1891



1.3122, 0.3756, 0.1843

Previews

White Background



This preview shows how the Yxy color 97.0634, 0.3072, 0.3271 looks on a white background.

Color Contrast Check

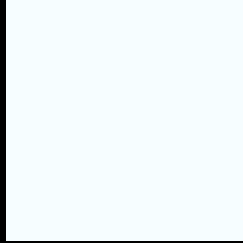
Large Text (above 18pt) WCAG AA × Fail

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 97.0634, 0.3072, 0.3271 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 97.0634, 0.3072, 0.3271

Background



This preview shows how black text looks on a background with the Yxy color 97.0634, 0.3072, 0.3271.



This preview shows how white text looks on a background with the Yxy color 97.0634, 0.3072, 0.3271.

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

97.0634, 0.3072, 0.3271

Protanopia

96.7231, 0.3141, 0.3261

Deuteranopia

96.6595, 0.3147, 0.3271

Tritanopia

96.7236, 0.3104, 0.3252

Trichromacy

Original Color

97.0634, 0.3072, 0.3271

Protanomaly

96.8456, 0.3116, 0.3261

Deuteranomaly

96.7817, 0.3122, 0.3271

Tritanomaly

96.9805, 0.3091, 0.3261

Monochromacy

Original Color

97.0634, 0.3072, 0.3271

Achromatopsia

96.4686, 0.3127, 0.3290

Achromatomaly

96.7888, 0.3108, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.0634, 0.3072, 0.3271 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(246, 253, 255)` looks like.

```
.text, #text, p{  
    color:rgb(246, 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(246, 253, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 253, 255) }
```

Border

The CSS property to change the border of an element to Yxy 97.0634, 0.3072, 0.3271 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(246, 253, 255) }
```

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

```
.border{ border-color:rgb(246, 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(246, 253, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 253, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 253, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 253,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 97.0634, 0.3072, 0.3271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 253, 255) }
```

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

```
.background{ background-color: rgb(246,  
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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