

Converting Colors

$Yxy(98.1945, 0.3049, 0.3320)$

Have a look what the booklet for
Yxy(98.1945, 0.3049, 0.3320)
contains.

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Color

Yxy(97.3126, 0.3053, 0.3309)

Conversions

Conversions Part 1

Format	Color
Hex	F1FFFD
RGB	241, 255, 253
RGB Percent	95%, 100%, 99%
CMY	0.0546, 0.0001, 0.0078
CMYK	0.05, 0.00, 0.01, 0.00
HSL	171°, 100%, 97%
HSV	171°, 5%, 100%
XYZ	89.7840, 97.3126, 106.9880
YIQ	250.5860, -7.7020, -3.5900

Conversions

Conversions Part 2

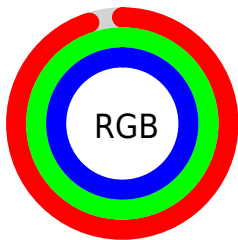
Format	Color
R _Y B	241, 249, 255
Decimal	15859709
CIE Lab	98.95, -4.88, -0.64
CIE LCh	99, 4.927, 187.474
Yxy	97.3126, 0.3053, 0.3309
Android (android.graphics.Color)	4294049789 (0xFFFF1FFFD)
YUV	250.5860, 1.1901, -8.4069
Hunter-Lab	98.6471, -10.1701, 4.7499

Details

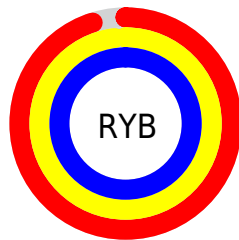
The Yxy color 97.3126, 0.3053, 0.3309 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.6837, 0.3207, 0.3271, and the grayscale version is 96.1145, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.6880, 0.3041, 0.3315 is the 20% darker color. If you saturate the color by 10%, you get 92.9090, 0.2922, 0.3347, and if you desaturate by 10%, it is 99.9909, 0.3127, 0.3290.

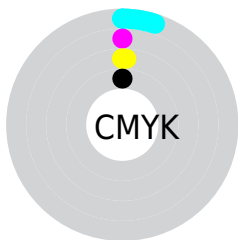
Distribution



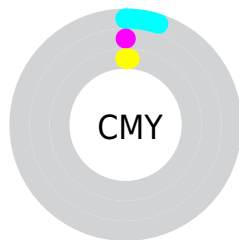
- Red (95%)
- Green (100%)
- Blue (99%)



- Red (95%)
- Yellow (98%)
- Blue (100%)



- Cyan (5%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 97.3126, 0.3053, 0.3309 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 97.3126, 0.3053, 0.3309 by changing the saturation by 10% instead.


 97.3126, 0.3053,
0.3309

 97.3126, 0.3053,
0.3309

551.5423, 0.3086,
0.3301

 74.0612, 0.3046,
0.3311


157.4557, 0.3064,
0.3306

 54.8442, 0.3037,
0.3313


195.1163, 0.3068,
0.3305

 39.2770, 0.3027,
0.3316


238.3487, 0.3072,
0.3304

 26.9753, 0.3014,
0.3319

287.5373, 0.3075,
0.3303

 17.5546, 0.2996,
0.3323

343.0666, 0.3078,
0.3303

 10.6307, 0.2972,
0.3329

405.3210, 0.3081,

 5.8191, 0.2938,

0.3302

0.3337

474.6847, 0.3083,
0.3301

■ 2.7354, 0.2884,
0.3350

■ 0.9952, 0.2788,
0.3373

■ 97.3126, 0.3053,
0.3309

■ 97.3126, 0.3053,
0.3309

■ 92.9090, 0.2922,
0.3347

99.9909, 0.3127,
0.3290

■ 89.1077, 0.2798,
0.3388

■ 85.8852, 0.2686,
0.3431

■ 83.2115, 0.2588,
0.3478

■ 81.0540, 0.2507,
0.3527

■ 79.3765, 0.2445,
0.3577

■ 78.1382, 0.2402,
0.3627

■ 77.2916, 0.2379,
0.3678

■ 76.7777, 0.2374,
0.3728

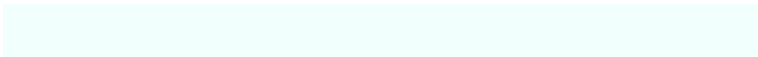
Harmonies

Analogous

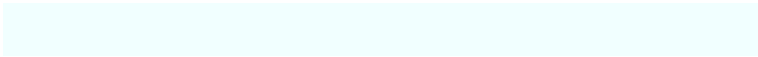
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.3126, 0.3100, 0.3353



97.3126, 0.3053, 0.3309



97.3126, 0.3026, 0.3260

Triad

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



97.3126, 0.3053, 0.3309



97.3126, 0.3100, 0.3203



97.3126, 0.3229, 0.3359

Complementary

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



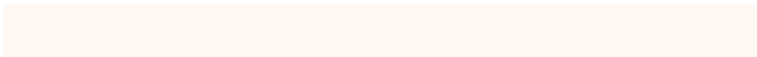
97.3126, 0.3053, 0.3309



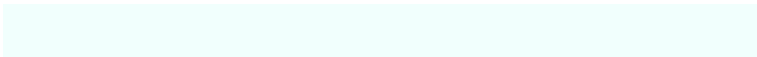
90.6837, 0.3207, 0.3271

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.



97.3126, 0.3229, 0.3319



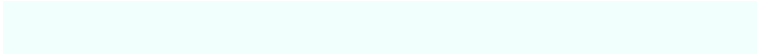
97.3126, 0.3053, 0.3309



97.3126, 0.3154, 0.3229

Square

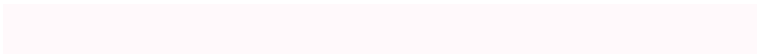
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



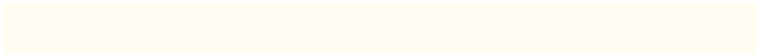
97.3126, 0.3053, 0.3309



97.3126, 0.3053, 0.3199



97.3126, 0.3202, 0.3271



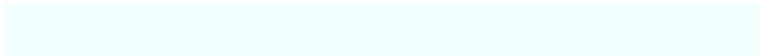
97.3126, 0.3202, 0.3382

Rectangle

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



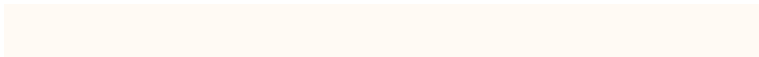
97.3126, 0.3053, 0.3309



97.3126, 0.3023, 0.3232



97.3126, 0.3202, 0.3271



97.3126, 0.3233, 0.3347

Sweetspot

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



97.3167, 0.3053, 0.3309



98.9990, 0.3100, 0.3297



96.9488, 0.3134, 0.3427



21.2003, 0.3101, 0.3297



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

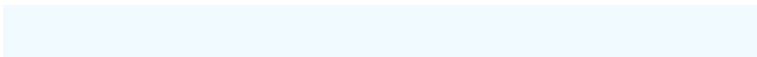
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97.3167, 0.3053, 0.3309



96.6083, 0.3032, 0.3315



94.3754, 0.3043, 0.3242



20.6187, 0.3024, 0.3317



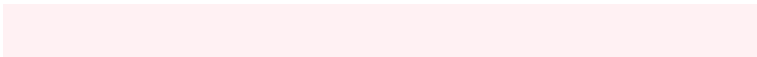
40.0554, 0.2373, 0.3743



3.9117, 0.2357, 0.3685

Inverse Universe

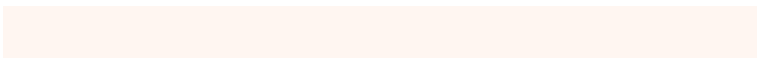
The Inverse Universe completely reimagines the original color for something new.



90.6837, 0.3207, 0.3271



88.1877, 0.3231, 0.3266



93.4881, 0.3215, 0.3337



18.6690, 0.3241, 0.3263



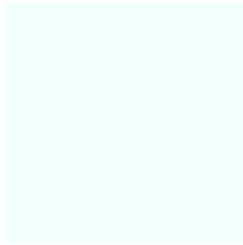
11.1885, 0.6215, 0.3197



1.1014, 0.5952, 0.3053

Previews

White Background



This preview shows how the Yxy color 97.3126, 0.3053, 0.3309 looks on a white background.

Color Contrast Check

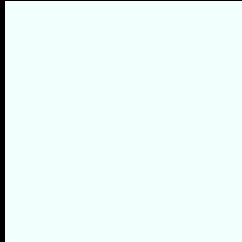
Large Text (above 18pt) WCAG AA × Fail

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 97.3126, 0.3053, 0.3309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

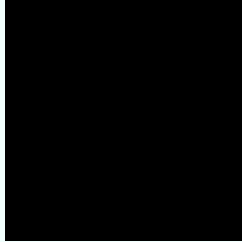
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.3126, 0.3053, 0.3309

Background



This preview shows how black text looks on a background with the Yxy color 97.3126, 0.3053, 0.3309.



This preview shows how white text looks on a background with the Yxy color 97.3126, 0.3053, 0.3309.

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

A vertical rectangular area divided into three colored sections: a light cyan top section, a light pink middle section, and a light yellow bottom section. To the right of each section is text describing the color and its corresponding L, M, and S cone response values.

Original Color

97.3126, 0.3053, 0.3309

Protanopia

97.2194, 0.3152, 0.3290

Deuteranopia

97.2826, 0.3146, 0.3281

Tritanopia

97.3500, 0.3104, 0.3261

Trichromacy



Original Color

97.3126, 0.3053, 0.3309

Protanomaly

96.9731, 0.3115, 0.3290

Deuteranomaly

96.9731, 0.3115, 0.3290

Tritanomaly

97.1805, 0.3084, 0.3280

Monochromacy



Original Color

97.3126, 0.3053, 0.3309

Achromatopsia

96.4686, 0.3127, 0.3290

Achromatomaly

96.4232, 0.3096, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.3126, 0.3053, 0.3309 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(241, 255, 253)` looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 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(241, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 253) }
```

Border

The CSS property to change the border of an element to Yxy 97.3126, 0.3053, 0.3309 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(241, 255, 253) }
```

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

```
.border{ border-color:rgb(241, 255, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 255, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 253);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 97.3126, 0.3053, 0.3309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 255, 253) }
```

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

```
.background{ background-color: rgb(241,  
255, 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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