

Converting Colors

$Yxy(97.1002, 0.3043, 0.3307)$

Have a look what the booklet for
Yxy(97.1002, 0.3043, 0.3307)
contains.

Yxy(97.1371, 0.3047, 0.3309)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(97.1371, 0.3047, 0.3309)

Conversions

Conversions Part 1

Format	Color
Hex	F0FFFD
RGB	240, 255, 253
RGB Percent	94%, 100%, 99%
CMY	0.0585, 0.0001, 0.0078
CMYK	0.06, 0.00, 0.01, 0.00
HSL	172°, 100%, 97%
HSV	172°, 6%, 100%
XYZ	89.4460, 97.1371, 106.9712
YIQ	250.2870, -8.2980, -3.8020

Conversions

Conversions Part 2

Format	Color
R _Y B	240, 248, 255
Decimal	15794173
CIE Lab	98.88, -5.20, -0.75
CIE LCh	99, 5.257, 188.198
Yxy	97.1371, 0.3047, 0.3309
Android (android.graphics.Color)	4293984253 (0xFF0FFFD)
YUV	250.2870, 1.3375, -9.0217
Hunter-Lab	98.5582, -10.4800, 4.6397

Details

The Yxy color 97.1371, 0.3047, 0.3309 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.0389, 0.3213, 0.3271, and the grayscale version is 95.8544, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.5640, 0.3033, 0.3315 is the 20% darker color. If you saturate the color by 10%, you get 92.7725, 0.2915, 0.3344, and if you desaturate by 10%, it is 99.9892, 0.3127, 0.3290.

Distribution



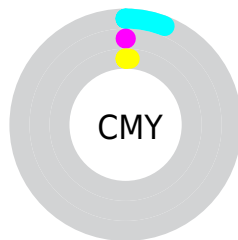
- Red (94%)
- Green (100%)
- Blue (99%)



- Red (94%)
- Yellow (97%)
- Blue (100%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 97.1371, 0.3047, 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 97.1371, 0.3047, 0.3309 by changing the saturation by 10% instead.

 97.1371, 0.3047,
0.3309

 97.1371, 0.3047,
0.3309


550.9843, 0.3082,
0.3301

 73.9150, 0.3039,
0.3311

157.2138, 0.3059,
0.3306

 54.7244, 0.3030,
0.3313


194.8372, 0.3064,
0.3305

 39.1811, 0.3019,
0.3315


238.0297, 0.3068,
0.3304

 26.9007, 0.3004,
0.3319

287.1759, 0.3071,
0.3303

 17.4986, 0.2985,
0.3323

342.6600, 0.3074,
0.3303

 10.5906, 0.2960,
0.3329

404.8665, 0.3077,

 5.7923, 0.2923,

0.3302

0.3337

474.1798, 0.3080,
0.3301

■ 2.7192, 0.2865,
0.3350

■ 0.9870, 0.2760,
0.3372

■ 97.1371, 0.3047,
0.3309

■ 97.1371, 0.3047,
0.3309

■ 92.7725, 0.2915,
0.3344

99.9892, 0.3127,
0.3290

■ 89.0087, 0.2791,
0.3382

■ 85.8220, 0.2678,
0.3423

■ 83.1823, 0.2580,
0.3467

■ 81.0569, 0.2499,
0.3512

■ 79.4095, 0.2436,
0.3559

■ 78.1991, 0.2394,
0.3606

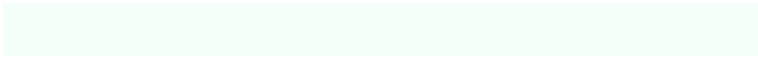
■ 77.3778, 0.2370,
0.3653

■ 76.8859, 0.2365,
0.3699

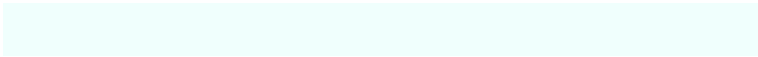
Harmonies

Analogous

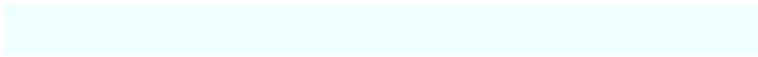
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.1371, 0.3097, 0.3356



97.1371, 0.3047, 0.3309



97.1371, 0.3019, 0.3257

Triad

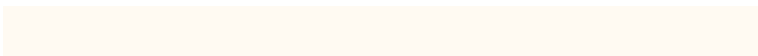
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



97.1371, 0.3047, 0.3309



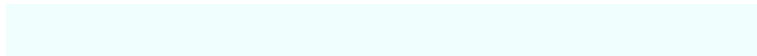
97.1371, 0.3099, 0.3197



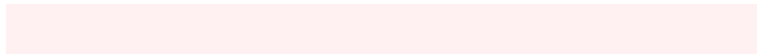
97.1371, 0.3236, 0.3365

Complementary

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



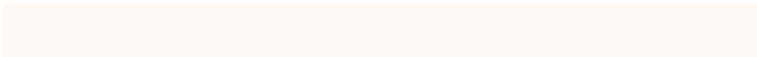
97.1371, 0.3047, 0.3309



90.0389, 0.3213, 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.



97.1371, 0.3237, 0.3322



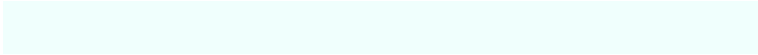
97.1371, 0.3047, 0.3309



97.1371, 0.3157, 0.3226

Square

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



97.1371, 0.3047, 0.3309



97.1371, 0.3049, 0.3193



97.1371, 0.3208, 0.3271



97.1371, 0.3206, 0.3388

Rectangle

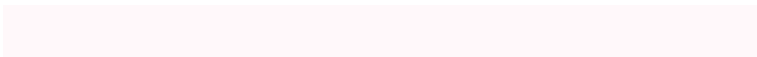
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97.1371, 0.3047, 0.3309



97.1371, 0.3016, 0.3227



97.1371, 0.3208, 0.3271



97.1371, 0.3240, 0.3352

Sweetspot

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



97.1412, 0.3047, 0.3309



99.0021, 0.3100, 0.3296



96.6946, 0.3133, 0.3437



21.2010, 0.3101, 0.3296



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

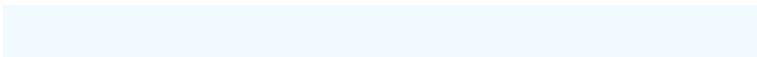
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97.1412, 0.3047, 0.3309



96.6191, 0.3031, 0.3313



93.8311, 0.3037, 0.3236



20.6212, 0.3023, 0.3315



40.1217, 0.2364, 0.3711



3.9175, 0.2349, 0.3657

Inverse Universe

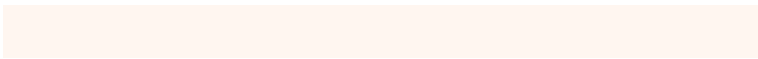
The Inverse Universe completely reimagines the original color for something new.



90.0389, 0.3213, 0.3271



88.1776, 0.3232, 0.3267



93.1881, 0.3221, 0.3343



18.6666, 0.3242, 0.3265



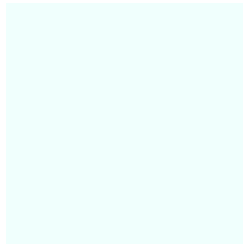
11.1803, 0.6233, 0.3207



1.1001, 0.5980, 0.3068

Previews

White Background



This preview shows how the Yxy color 97.1371, 0.3047, 0.3309 looks on a white background.

Color Contrast Check

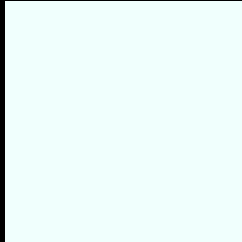
Large Text (above 18pt) WCAG AA × Fail

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 97.1371, 0.3047, 0.3309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

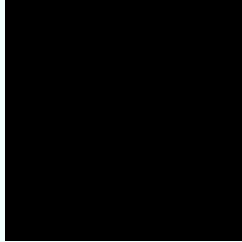
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.1371, 0.3047, 0.3309

Background



This preview shows how black text looks on a background with the Yxy color 97.1371, 0.3047, 0.3309.

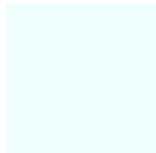


This preview shows how white text looks on a background with the Yxy color 97.1371, 0.3047, 0.3309.

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



Original Color

97.1371, 0.3047, 0.3309



Protanopia

97.2194, 0.3152, 0.3290

Deuteranopia

96.6595, 0.3147, 0.3271

Tritanopia

97.1648, 0.3097, 0.3261

Trichromacy



Original Color

97.1371, 0.3047, 0.3309

Protanomaly

96.9731, 0.3115, 0.3290

Deuteranomaly

96.9731, 0.3115, 0.3290

Tritanomaly

96.9991, 0.3078, 0.3280

Monochromacy



Original Color

97.1371, 0.3047, 0.3309

Achromatopsia

95.5973, 0.3127, 0.3290

Achromatomaly

96.1787, 0.3096, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.1371, 0.3047, 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(240, 255, 253)` looks like.

```
.text, #text, p{  
    color:rgb(240, 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(240, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 255, 253) }
```

Border

The CSS property to change the border of an element to Yxy 97.1371, 0.3047, 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(240, 255, 253) }
```

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

```
.border{ border-color:rgb(240, 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(240, 255, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 255, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 255, 253);  
box-shadow:4px 4px 4px 4px rgb(240, 255,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 97.1371, 0.3047, 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(240, 255, 253) }
```

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

```
.background{ background-color: rgb(240,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor