

Converting Colors

$Y_{xy}(100.0000, 0.3074, 0.3364)$

Have a look what the booklet for
Yxy(100.0000, 0.3074, 0.3364)
contains.

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Color

Yxy(97.5397, 0.3076, 0.3329)

Conversions

Conversions Part 1

Format	Color
Hex	F3FFFB
RGB	243, 255, 251
RGB Percent	95%, 100%, 98%
CMY	0.0471, 0.0000, 0.0157
CMYK	0.05, 0.00, 0.02, 0.00
HSL	160°, 100%, 98%
HSV	160°, 5%, 100%
XYZ	90.1268, 97.5397, 105.3335
YIQ	250.9560, -5.8680, -3.7880

Conversions

Conversions Part 2

Format	Color
R _Y B	243, 250, 255
Decimal	15990779
CIE Lab	99.04, -4.65, 0.54
CIE LCh	99, 4.678, 173.328
Yxy	97.5397, 0.3076, 0.3329
Android (android.graphics.Color)	4294180859 (0xFFFB3FFB)
YUV	250.9560, 0.0217, -6.9774
Hunter-Lab	98.7622, -9.9412, 5.8986

Details

The Yxy color 97.5397, 0.3076, 0.3329 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 92.0620, 0.3181, 0.3251, and the grayscale version is 96.4266, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.8931, 0.3063, 0.3327 is the 20% darker color. If you saturate the color by 10%, you get 92.7848, 0.2970, 0.3418, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

Distribution



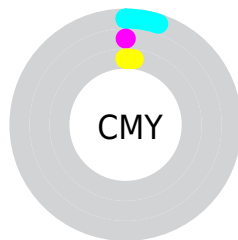
- Red (95%)
- Green (100%)
- Blue (98%)



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



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 97.5397, 0.3076, 0.3329 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 97.5397, 0.3076, 0.3329 by changing the saturation by 10% instead.


 97.5397, 0.3076,
0.3329

 97.5397, 0.3076,
0.3329


552.2640, 0.3099,
0.3312

 74.2506, 0.3071,
0.3333


157.7687, 0.3084,
0.3323

 54.9991, 0.3065,
0.3337

195.4773, 0.3087,
0.3321

 39.4010, 0.3058,
0.3343


238.7612, 0.3089,
0.3319

 27.0719, 0.3049,
0.3350

288.0048, 0.3092,
0.3317

 17.6272, 0.3037,
0.3359

343.5925, 0.3094,
0.3316

 10.6827, 0.3020,
0.3372

405.9087, 0.3095,

 5.8539, 0.2996,

0.3314

0.3390

475.3377, 0.3097,
0.3313

■ 2.7564, 0.2959,
0.3419

■ 1.0059, 0.2891,
0.3471

■ 97.5397, 0.3076,
0.3329

■ 97.5397, 0.3076,
0.3329

■ 92.7848, 0.2970,
0.3418

100.0000, 0.3127,
0.3290

■ 88.6627, 0.2869,
0.3517

■ 85.1407, 0.2777,
0.3624


■ 82.1887, 0.2696,
0.3739

 79.7740, 0.2630,
0.3861

 77.8605, 0.2581,
0.3988

 76.4074, 0.2552,
0.4117

 75.3674, 0.2544,
0.4247

 74.6823, 0.2555,
0.4376

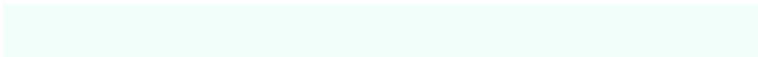
Harmonies

Analogous

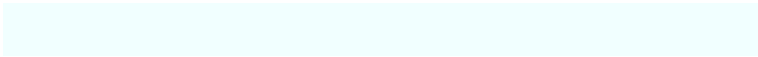
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.5397, 0.3125, 0.3364



97.5397, 0.3076, 0.3329



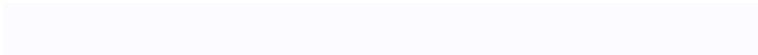
97.5397, 0.3040, 0.3283

Triad

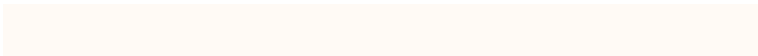
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



97.5397, 0.3076, 0.3329



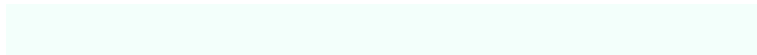
97.5397, 0.3078, 0.3203



97.5397, 0.3228, 0.3339

Complementary

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



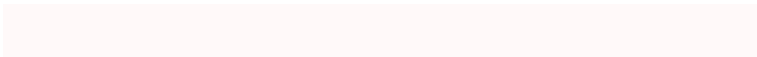
97.5397, 0.3076, 0.3329



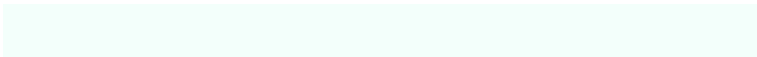
92.0620, 0.3181, 0.3251

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.



97.5397, 0.3215, 0.3296



97.5397, 0.3076, 0.3329



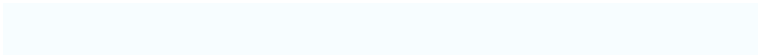
97.5397, 0.3128, 0.3218

Square

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



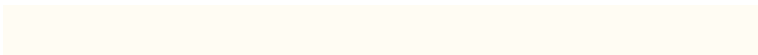
97.5397, 0.3076, 0.3329



97.5397, 0.3042, 0.3211



97.5397, 0.3178, 0.3252



97.5397, 0.3213, 0.3370

Rectangle

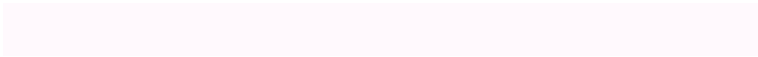
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



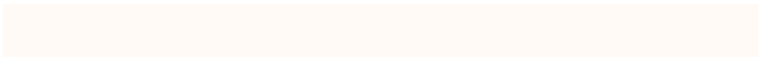
97.5397, 0.3076, 0.3329



97.5397, 0.3029, 0.3254



97.5397, 0.3178, 0.3252



97.5397, 0.3226, 0.3326

Sweetspot

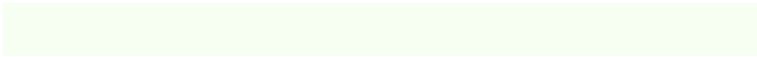
The Sweet Spot groups the original color and five complimentary colors.



97.5349, 0.3076, 0.3329



99.4649, 0.3116, 0.3298



97.7975, 0.3148, 0.3407



21.2952, 0.3117, 0.3298



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.



97.5349, 0.3076, 0.3329



96.8884, 0.3062, 0.3340



96.6453, 0.3054, 0.3272



20.6687, 0.3055, 0.3345



38.9150, 0.2561, 0.4421



3.8093, 0.2521, 0.4276

Inverse Universe

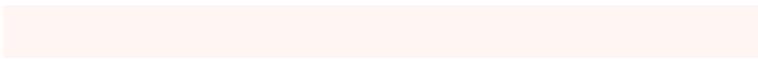
The Inverse Universe completely reimagines the original color for something new.



92.0620, 0.3181, 0.3251



89.9843, 0.3197, 0.3241



92.9017, 0.3204, 0.3308



19.0373, 0.3205, 0.3235



11.4766, 0.5646, 0.2884



1.1368, 0.5328, 0.2709

Previews

White Background



This preview shows how the Yxy color 97.5397, 0.3076, 0.3329 looks on a white background.

Color Contrast Check

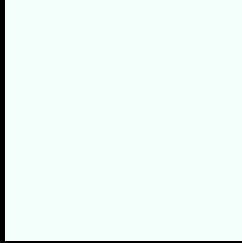
Large Text (above 18pt) WCAG AA × Fail

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 97.5397, 0.3076, 0.3329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

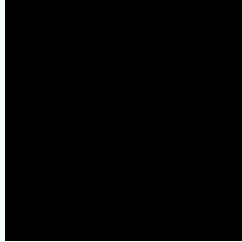
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.5397, 0.3076, 0.3329

Background



This preview shows how black text looks on a background with the Yxy color 97.5397, 0.3076, 0.3329.



This preview shows how white text looks on a background with the Yxy color 97.5397, 0.3076, 0.3329.

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

The image shows three vertical color bars. The top bar is light green, the middle bar is light orange, and the bottom bar is light yellow. These bars represent the original color and its simulation for different types of dichromacy.

Original Color

97.5397, 0.3076, 0.3329

Protanopia

97.1565, 0.3158, 0.3300

Deuteranopia

97.2826, 0.3146, 0.3281

Tritanopia

97.3500, 0.3104, 0.3261

Trichromacy



Original Color

97.5397, 0.3076, 0.3329

Protanomaly

97.0322, 0.3133, 0.3309

Deuteranomaly

97.1583, 0.3121, 0.3290

Tritanomaly

97.3628, 0.3090, 0.3280

Monochromacy



Original Color

97.5397, 0.3076, 0.3329

Achromatopsia

96.4686, 0.3127, 0.3290

Achromatomaly

96.5423, 0.3108, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.5397, 0.3076, 0.3329 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(243, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(243, 255, 251)  
}
```

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(243, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 255, 251) }
```

Border

The CSS property to change the border of an element to Yxy 97.5397, 0.3076, 0.3329 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(243, 255, 251) }
```

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

```
.border{ border-color:rgb(243, 255, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 255, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(243, 255,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 97.5397, 0.3076, 0.3329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 255, 251) }
```

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

```
.background{ background-color: rgb(243,  
255, 251) }
```

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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