

Converting Colors

$Y_{xy}(100.0000, 0.3075, 0.3345)$

Have a look what the booklet for
Yxy(100.0000, 0.3075, 0.3345)
contains.

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Color

Yxy(97.8449, 0.3071, 0.3309)

Conversions

Conversions Part 1

Format	Color
Hex	F4FFFD
RGB	244, 255, 253
RGB Percent	96%, 100%, 99%
CMY	0.0430, 0.0000, 0.0078
CMYK	0.04, 0.00, 0.01, 0.00
HSL	169°, 100%, 98%
HSV	169°, 4%, 100%
XYZ	90.8074, 97.8449, 107.0410
YIQ	251.4830, -5.9140, -2.9540

Conversions

Conversions Part 2

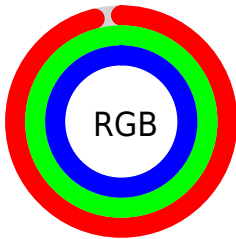
Format	Color
R_{YB}	244, 250, 255
Decimal	16056317
CIE _{Lab}	99.16, -3.93, -0.31
CIE _{LCh}	99, 3.942, 184.553
Y _{xy}	97.8449, 0.3071, 0.3309
Android (android.graphics.Color)	4294246397 (0xFFFF4FFFD)
Y _{UV}	251.4830, 0.7479, -6.5626
Hunter-Lab	98.9166, -9.2374, 5.0819

Details

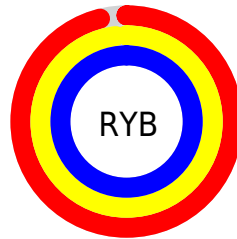
The Yxy color 97.8449, 0.3071, 0.3309 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 92.6341, 0.3186, 0.3271, and the grayscale version is 96.8963, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 55.0651, 0.3064, 0.3315 is the 20% darker color. If you saturate the color by 10%, you get 93.3080, 0.2944, 0.3357, and if you desaturate by 10%, it is 99.9974, 0.3127, 0.3290.

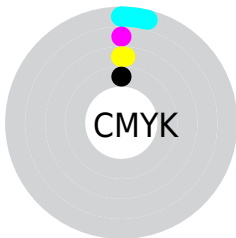
Distribution



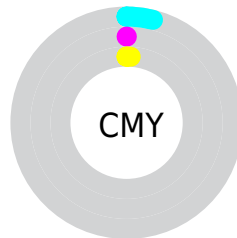
- Red (96%)
- Green (100%)
- Blue (99%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 97.8449, 0.3071, 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 97.8449, 0.3071, 0.3309 by changing the saturation by 10% instead.


 97.8449, 0.3071,
0.3309

 97.8449, 0.3071,
0.3309


553.2331, 0.3096,
0.3301

 74.5050, 0.3066,
0.3311

158.1892, 0.3079,
0.3306

 55.2075, 0.3059,
0.3313

195.9623, 0.3083,
0.3305

 39.5679, 0.3051,
0.3316


239.3154, 0.3085,
0.3304

 27.2018, 0.3041,
0.3319


288.6328, 0.3088,
0.3303

 17.7248, 0.3028,
0.3323

344.2988, 0.3090,
0.3303

 10.7526, 0.3010,
0.3329

406.6980, 0.3092,

 5.9007, 0.2984,

0.3302

476.2146, 0.3094,
0.3301

0.3338

■ 2.7848, 0.2944,
0.3351

■ 1.0204, 0.2871,
0.3374

■ 97.8449, 0.3071,
0.3309

■ 97.8449, 0.3071,
0.3309

■ 93.3080, 0.2944,
0.3357

99.9974, 0.3127,
0.3290

■ 89.3793, 0.2824,
0.3408

■ 86.0354, 0.2715,
0.3465

■ 83.2465, 0.2619,
0.3524

■ 80.9804, 0.2539,
0.3587

■ 79.2014, 0.2477,
0.3652

■ 77.8692, 0.2435,
0.3717

■ 76.9372, 0.2412,
0.3783

■ 76.3480, 0.2409,
0.3849

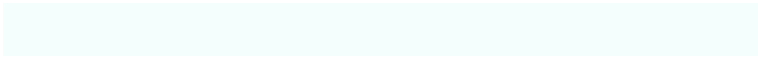
Harmonies

Analogous

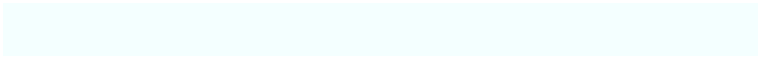
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.8449, 0.3110, 0.3343



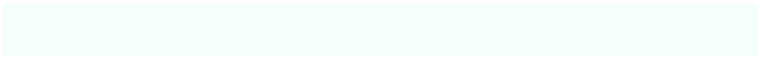
97.8449, 0.3071, 0.3309



97.8449, 0.3048, 0.3270

Triad

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



97.8449, 0.3071, 0.3309



97.8449, 0.3101, 0.3219



97.8449, 0.3210, 0.3343

Complementary

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



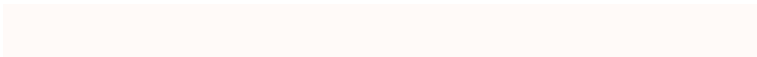
97.8449, 0.3071, 0.3309



92.6341, 0.3186, 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.



97.8449, 0.3208, 0.3309



97.8449, 0.3071, 0.3309



97.8449, 0.3145, 0.3238

Square

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



97.8449, 0.3071, 0.3309



97.8449, 0.3065, 0.3219



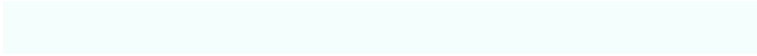
97.8449, 0.3184, 0.3271



97.8449, 0.3190, 0.3362

Rectangle

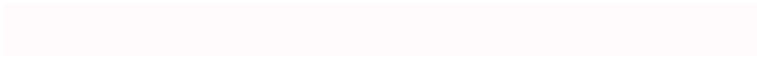
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



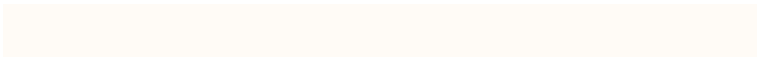
97.8449, 0.3071, 0.3309



97.8449, 0.3044, 0.3247



97.8449, 0.3184, 0.3271



97.8449, 0.3212, 0.3333

Sweetspot

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



97.8491, 0.3071, 0.3309



99.4900, 0.3114, 0.3294



97.6513, 0.3135, 0.3397



21.3003, 0.3115, 0.3294



0.0000, 0.0000, 0.0000



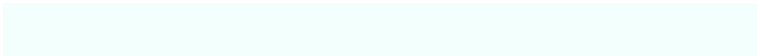
21.4041, 0.3127, 0.3290

Same Dimension

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



97.8491, 0.3071, 0.3309



97.5142, 0.3062, 0.3312



95.7806, 0.3061, 0.3256



20.8000, 0.3053, 0.3315



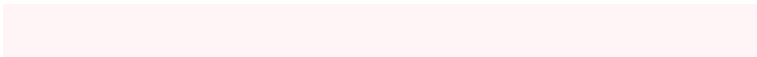
39.7958, 0.2410, 0.3875



3.8888, 0.2389, 0.3800

Inverse Universe

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



92.6341, 0.3186, 0.3271



91.4784, 0.3197, 0.3268



94.6228, 0.3196, 0.3324



19.3336, 0.3207, 0.3265



11.2273, 0.6129, 0.3150



1.1070, 0.5841, 0.2991

Previews

White Background



This preview shows how the Yxy color 97.8449, 0.3071, 0.3309 looks on a white background.

Color Contrast Check

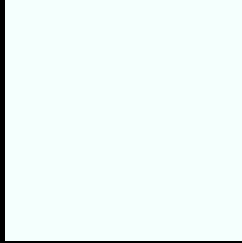
Large Text (above 18pt) WCAG AA × Fail

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 97.8449, 0.3071, 0.3309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

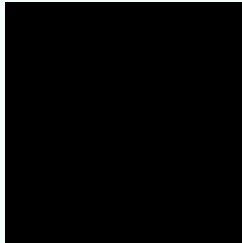
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.8449, 0.3071, 0.3309

Background



This preview shows how black text looks on a background with the Yxy color 97.8449, 0.3071, 0.3309.



This preview shows how white text looks on a background with the Yxy color 97.8449, 0.3071, 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

97.8449, 0.3071, 0.3309

Protanopia

97.9091, 0.3146, 0.3290

Deuteranopia

97.9727, 0.3140, 0.3281

Tritanopia

97.5363, 0.3110, 0.3261

Trichromacy



Original Color

97.8449, 0.3071, 0.3309

Protanomaly

97.7881, 0.3120, 0.3300

Deuteranomaly

97.8516, 0.3115, 0.3290

Tritanomaly

97.5461, 0.3097, 0.3280

Monochromacy



Original Color

97.8449, 0.3071, 0.3309



Achromatopsia

96.4686, 0.3127, 0.3290

Achromatomaly

96.6055, 0.3102, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.8449, 0.3071, 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(244, 255, 253)` looks like.

```
.text, #text, p{  
    color:rgb(244, 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(244, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 255, 253) }
```

Border

The CSS property to change the border of an element to Yxy 97.8449, 0.3071, 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(244, 255, 253) }
```

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

```
.border{ border-color:rgb(244, 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(244, 255, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 255, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 255, 253);  
box-shadow:4px 4px 4px 4px rgb(244, 255,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 97.8449, 0.3071, 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(244, 255, 253) }
```

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

```
.background{ background-color: rgb(244,  
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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