

Converting Colors

$Y_{xy}(100.0679, 0.3103, 0.3312)$

Have a look what the booklet for
Yxy(100.0679, 0.3103, 0.3312)
contains.

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Color

Yxy(98.9998, 0.3102, 0.3300)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FAFFFE |
| RGB | 250, 255, 254 |
| RGB Percent | 98%, 100%, 100% |
| CMY | 0.0197, 0.0000, 0.0041 |
| CMYK | 0.02, 0.00, 0.00, 0.00 |
| HSL | 168°, 100%, 99% |
| HSV | 168°, 2%, 100% |
| XYZ | 93.0598, 98.9998, 107.9398 |
| YIQ | 253.3910, -2.6590, -1.3710 |

Conversions

Conversions Part 2

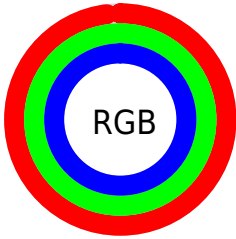
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 250, 253, 255 |
| Decimal | 16449534 |
| CIE Lab | 99.61, -1.84, -0.09 |
| CIE LCh | 100, 1.839, 182.801 |
| Yxy | 98.9998, 0.3102, 0.3300 |
| Android (android.graphics.Color) | 4294639614 (0xFFFAFFFE) |
| YUV | 253.3910, 0.3002, -2.9739 |
| Hunter-Lab | 99.4986, -7.1739, 5.3291 |

Details

The Yxy color 98.9998, 0.3102, 0.3300 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96.5756, 0.3153, 0.3280, and the grayscale version is 98.5575, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 55.8887, 0.3103, 0.3302 is the 20% darker color. If you saturate the color by 10%, you get 94.2644, 0.2977, 0.3353, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

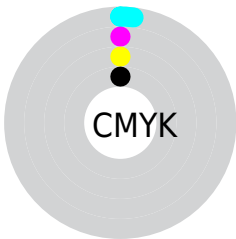
Distribution



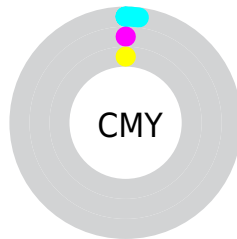
- Red (98%)
- Green (100%)
- Blue (100%)



- Red (98%)
- Yellow (99%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 98.9998, 0.3102, 0.3300 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 98.9998, 0.3102, 0.3300 by changing the saturation by 10% instead.

98.9998, 0.3102,
0.3300

98.9998, 0.3102,
0.3300

556.8922, 0.3113,
0.3296

75.4684, 0.3100,
0.3301

159.7791, 0.3106,
0.3299

55.9967, 0.3097,
0.3302

197.7958, 0.3107,
0.3298

40.2003, 0.3093,
0.3303

241.4098, 0.3108,
0.3297

27.6948, 0.3089,
0.3305

291.0054, 0.3110,
0.3297

18.0957, 0.3083,
0.3307

346.9671, 0.3111,
0.3297

11.0187, 0.3075,
0.3311

409.6792, 0.3112,

6.0794, 0.3063,

0.3296

0.3315

479.5261, 0.3112,
0.3296

■ 2.8934, 0.3045,
0.3322

■ 1.0764, 0.3013,
0.3334

■ 98.9998, 0.3102,
0.3300

■ 98.9998, 0.3102,
0.3300

■ 94.2644, 0.2977,
0.3353

100.0000, 0.3127,
0.3290

■ 90.1580, 0.2859,
0.3411

■ 86.6451, 0.2749,
0.3474

■ 83.6964, 0.2652,
0.3542

■ 81.2802, 0.2570,
0.3613

■ 79.3618, 0.2506,
0.3687

■ 77.9021, 0.2461,
0.3762

■ 76.8560, 0.2436,
0.3839

■ 76.1693, 0.2431,
0.3914

Harmonies

Analogous

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

98.9998, 0.3120, 0.3315

98.9998, 0.3102, 0.3300

98.9998, 0.3091, 0.3282

Triad

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



98.9998, 0.3102, 0.3300



98.9998, 0.3114, 0.3257



98.9998, 0.3166, 0.3314

Complementary

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



98.9998, 0.3102, 0.3300



96.5756, 0.3153, 0.3280

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.

98.9998, 0.3164, 0.3298

98.9998, 0.3102, 0.3300

98.9998, 0.3134, 0.3265

Square

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



98.9998, 0.3102, 0.3300



98.9998, 0.3097, 0.3257



98.9998, 0.3153, 0.3280



98.9998, 0.3157, 0.3323

Rectangle

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



98.9998, 0.3102, 0.3300



98.9998, 0.3088, 0.3271



98.9998, 0.3153, 0.3280



98.9998, 0.3166, 0.3309

Sweetspot

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



98.9914, 0.3102, 0.3300



99.4859, 0.3114, 0.3295



98.9399, 0.3132, 0.3338



21.2995, 0.3115, 0.3295



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.



98.9914, 0.3102, 0.3300



98.9782, 0.3102, 0.3300



98.1513, 0.3097, 0.3276



21.1961, 0.3103, 0.3299



39.6362, 0.2434, 0.3962



3.8746, 0.2410, 0.3876

Inverse Universe

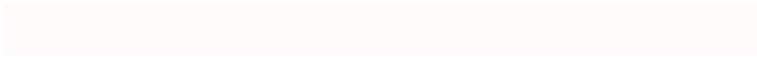
The Inverse Universe completely reimagines the original color for something new.



96.5756, 0.3153, 0.3280



96.5308, 0.3153, 0.3280



97.4000, 0.3158, 0.3304



20.6979, 0.3152, 0.3281



11.2573, 0.6065, 0.3115



1.1109, 0.5765, 0.2950

Previews

White Background



This preview shows how the Xyy color 96.9998, 0.3102, 0.3300 looks on a white background.

Color Contrast Check

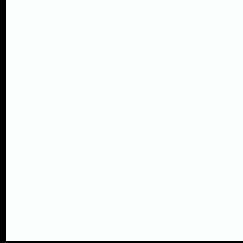
Large Text (above 18pt) WCAG AA × Fail

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 98.9998, 0.3102, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

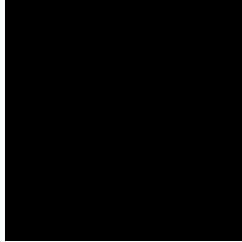
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 98.9998, 0.3102, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 98.9998, 0.3102, 0.3300.



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

98.9998, 0.3102, 0.3300

Protanopia

98.6024, 0.3140, 0.3290

Deuteranopia

98.6663, 0.3134, 0.3281

Tritanopia

99.1745, 0.3121, 0.3280

Trichromacy

Original Color

98.9998, 0.3102, 0.3300

Protanomaly

98.8581, 0.3127, 0.3300

Deuteranomaly

98.9220, 0.3121, 0.3290

Tritanomaly

98.9863, 0.3115, 0.3280

Monochromacy

Original Color

98.9998, 0.3102, 0.3300

Achromatopsia

98.2251, 0.3127, 0.3290

Achromatomaly

98.6709, 0.3121, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 98.9998, 0.3102, 0.3300 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(250, 255, 254) looks like.

```
.text, #text, p{  
    color:rgb(250, 255, 254)  
}
```

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(250, 255, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 255, 254) }
```

Border

The CSS property to change the border of an element to Yxy 98.9998, 0.3102, 0.3300 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(250, 255, 254) }
```

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

```
.border{ border-color:rgb(250, 255, 254) }
```

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

Here you see how a box with a 4 pixel rgb(250, 255, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 255, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 255, 254);  
box-shadow:4px 4px 4px 4px rgb(250, 255,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 98.9998, 0.3102, 0.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 255, 254) }
```

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

```
.background{ background-color: rgb(250,  
255, 254) }
```

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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