

Converting Colors

$Y_{xy}(100.0000, 0.3102, 0.3392)$

Have a look what the booklet for
Yxy(100.0000, 0.3102, 0.3392)
contains.

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Color

Yxy(97.7098, 0.3105, 0.3358)

Conversions

Conversions Part 1

Format	Color
Hex	F5FFF8
RGB	245, 255, 248
RGB Percent	96%, 100%, 97%
CMY	0.0394, 0.0000, 0.0274
CMYK	0.04, 0.00, 0.03, 0.00
HSL	138°, 100%, 98%
HSV	138°, 4%, 100%
XYZ	90.3481, 97.7098, 102.9183
YIQ	251.2120, -3.7130, -4.2970

Conversions

Conversions Part 2

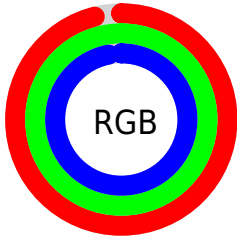
Format	Color
R_{YB}	245, 253, 255
Decimal	16121848
CIE Lab	99.11, -4.53, 2.18
CIE LCh	99, 5.031, 154.292
Yxy	97.7098, 0.3105, 0.3358
Android (android.graphics.Color)	4294311928 (0xFF5FF8)
YUV	251.2120, -1.5835, -5.4479
Hunter-Lab	98.8483, -9.8340, 7.4626

Details

The Yxy color 97.7098, 0.3105, 0.3358 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 93.5585, 0.3150, 0.3223, and the grayscale version is 96.6583, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 55.0128, 0.3100, 0.3364 is the 20% darker color. If you saturate the color by 10%, you get 92.3802, 0.3049, 0.3546, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

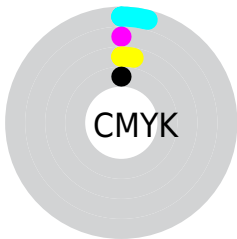
Distribution



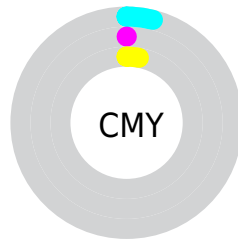
- Red (96%)
- Green (100%)
- Blue (97%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 97.7098, 0.3105, 0.3358 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 97.7098, 0.3105, 0.3358 by changing the saturation by 10% instead.


 97.7098, 0.3105,
0.3358

 97.7098, 0.3105,
0.3358


552.8042, 0.3115,
0.3328

 74.3924, 0.3103,
0.3365

158.0030, 0.3108,
0.3348

 55.1153, 0.3100,
0.3372


195.7477, 0.3110,
0.3344

 39.4940, 0.3097,
0.3382


239.0701, 0.3111,
0.3340

 27.1442, 0.3093,
0.3395

288.3549, 0.3112,
0.3337

 17.6816, 0.3087,
0.3411

343.9862, 0.3113,
0.3335

 10.7216, 0.3080,
0.3433

406.3487, 0.3113,

 5.8800, 0.3069,

0.3332

0.3466

475.8265, 0.3114,
0.3330

■ 2.7722, 0.3052,
0.3518

■ 1.0140, 0.3020,
0.3612

■ 97.7098, 0.3105,
0.3358

■ 97.7098, 0.3105,
0.3358

■ 92.3802, 0.3049,
0.3546

100.0000, 0.3127,
0.3290

■ 87.7659, 0.2994,
0.3756

■ 83.8287, 0.2943,
0.3989

■ 80.5358, 0.2898,
0.4241

■ 77.8518, 0.2863,
0.4507

■ 75.7376, 0.2841,
0.4778

■ 74.1495, 0.2835,
0.5044

■ 73.0372, 0.2846,
0.5290

■ 72.3397, 0.2872,
0.5504

Harmonies

Analogous

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



97.7098, 0.3160, 0.3383



97.7098, 0.3105, 0.3358



97.7098, 0.3056, 0.3315

Triad

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



97.7098, 0.3105, 0.3358



97.7098, 0.3047, 0.3199



97.7098, 0.3230, 0.3314

Complementary

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



97.7098, 0.3105, 0.3358



93.5585, 0.3150, 0.3223

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.



97.7098, 0.3199, 0.3266



97.7098, 0.3105, 0.3358



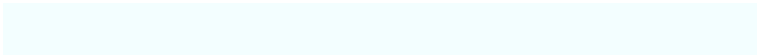
97.7098, 0.3093, 0.3199

Square

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



97.7098, 0.3105, 0.3358



97.7098, 0.3023, 0.3223



97.7098, 0.3149, 0.3224



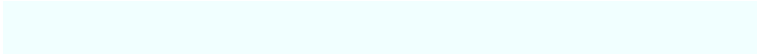
97.7098, 0.3233, 0.3357

Rectangle

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



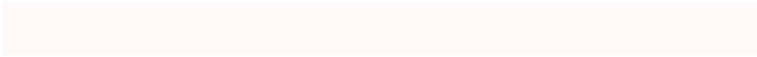
97.7098, 0.3105, 0.3358



97.7098, 0.3033, 0.3281



97.7098, 0.3149, 0.3224



97.7098, 0.3222, 0.3298

Sweetspot

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



97.7019, 0.3105, 0.3358



99.4060, 0.3122, 0.3307



98.8022, 0.3166, 0.3387



21.2832, 0.3122, 0.3306



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.



97.7019, 0.3105, 0.3358



97.1041, 0.3099, 0.3377



98.0147, 0.3077, 0.3309



20.7003, 0.3095, 0.3389



37.6802, 0.2885, 0.5587



3.6873, 0.2823, 0.5364

Inverse Universe

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



93.5585, 0.3150, 0.3223



91.8850, 0.3156, 0.3205



93.2474, 0.3180, 0.3271



19.4323, 0.3161, 0.3193



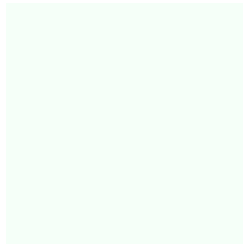
12.7985, 0.4169, 0.2070



1.2656, 0.4032, 0.1995

Previews

White Background



This preview shows how the Yxy color 97.7098, 0.3105, 0.3358 looks on a white background.

Color Contrast Check

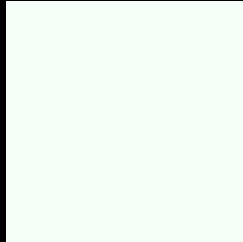
Large Text (above 18pt) WCAG AA × Fail

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 97.7098, 0.3105, 0.3358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

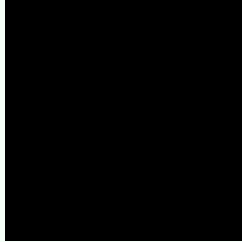
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.7098, 0.3105, 0.3358

Background



This preview shows how black text looks on a background with the Yxy color 97.7098, 0.3105, 0.3358.



This preview shows how white text looks on a background with the Yxy color 97.7098, 0.3105, 0.3358.

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

97.7098, 0.3105, 0.3358



Protanopia

97.7204, 0.3164, 0.3319

Deuteranopia

97.2826, 0.3146, 0.3281

Tritanopia

97.5363, 0.3110, 0.3261

Trichromacy



Original Color

97.7098, 0.3105, 0.3358

Protanomaly

97.5993, 0.3138, 0.3329

Deuteranomaly

97.0951, 0.3127, 0.3300

Tritanomaly

97.4186, 0.3108, 0.3300

Monochromacy



Original Color

97.7098, 0.3105, 0.3358



Achromatopsia

96.4686, 0.3127, 0.3290

Achromatomaly

96.6627, 0.3120, 0.3309

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.7098, 0.3105, 0.3358 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(245, 255, 248)` looks like.

```
.text, #text, p{  
    color:rgb(245, 255, 248)  
}
```

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(245, 255, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 255, 248) }
```

Border

The CSS property to change the border of an element to Yxy 97.7098, 0.3105, 0.3358 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(245, 255, 248) }
```

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

```
.border{ border-color:rgb(245, 255, 248) }
```

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

Here you see how a box with a 4 pixel rgb(245, 255, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 255, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 255, 248);  
box-shadow:4px 4px 4px 4px rgb(245, 255,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 97.7098, 0.3105, 0.3358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 255, 248) }
```

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

```
.background{ background-color: rgb(245,  
255, 248) }
```

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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