

Converting Colors

Yxy(94.9839, 0.3038, 0.3397)

Have a look what the booklet for
Yxy(94.9839, 0.3038, 0.3397)
contains.

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Color

Yxy(95.0406, 0.3042, 0.3400)

Conversions

Conversions Part 1

Format	Color
Hex	E7FFF4
RGB	231, 255, 244
RGB Percent	91%, 100%, 96%
CMY	0.0943, 0.0000, 0.0431
CMYK	0.09, 0.00, 0.04, 0.00
HSL	153°, 100%, 95%
HSV	153°, 9%, 100%
XYZ	85.0334, 95.0406, 99.4572
YIQ	246.5700, -10.7730, -8.5090

Conversions

Conversions Part 2

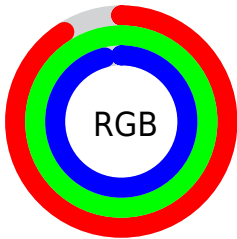
Format	Color
R _Y B	231, 247, 255
Decimal	15204340
CIE Lab	98.05, -9.81, 2.58
CIE LCh	98, 10.143, 165.242
Yxy	95.0406, 0.3042, 0.3400
Android (android.graphics.Color)	4293394420 (0xFFE7FFF4)
YUV	246.5700, -1.2670, -13.6549
Hunter-Lab	97.4888, -14.9109, 7.7550

Details

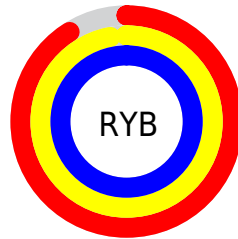
The Yxy color 95.0406, 0.3042, 0.3400 is a light color, and the websafe version is hex CCFFFF. A complement of this color would be 84.7929, 0.3221, 0.3183, and the grayscale version is 92.6497, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.1330, 0.3020, 0.3418 is the 20% darker color. If you saturate the color by 10%, you get 90.4101, 0.2954, 0.3529, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

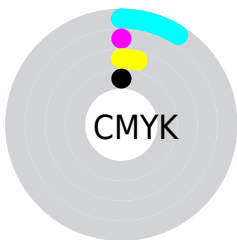
Distribution



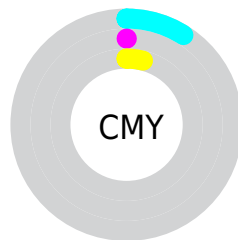
- Red (91%)
- Green (100%)
- Blue (96%)



- Red (91%)
- Yellow (97%)
- Blue (100%)



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (9%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.0406, 0.3042, 0.3400 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 95.0406, 0.3042, 0.3400 by changing the saturation by 10% instead.

 95.0406, 0.3042,
0.3400

 95.0406, 0.3042,
0.3400


544.2949, 0.3080,
0.3351

 72.1688, 0.3034,
0.3411


154.3207, 0.3055,
0.3383

 53.2966, 0.3024,
0.3424


191.4977, 0.3060,
0.3377

 38.0396, 0.3011,
0.3440


234.2120, 0.3064,
0.3371

 26.0134, 0.2995,
0.3461

282.8478, 0.3068,
0.3366

 16.8337, 0.2974,
0.3488

337.7896, 0.3072,
0.3362

 10.1160, 0.2946,
0.3526

399.4218, 0.3075,

 5.4759, 0.2903,

0.3358

0.3582

468.1288, 0.3077,
0.3354

■ 2.5291, 0.2836,
0.3672

■ 0.8912, 0.2655,
0.3894

■ 95.0406, 0.3042,
0.3400

■ 95.0406, 0.3042,
0.3400

■ 90.4101, 0.2954,
0.3529

100.0000, 0.3127,
0.3290

■ 86.4222, 0.2872,
0.3673

■ 83.0403, 0.2798,
0.3828

■ 80.2327, 0.2735,
0.3995

■ 77.9645, 0.2688,
0.4171

■ 76.1970, 0.2658,
0.4352

■ 74.8861, 0.2649,
0.4534

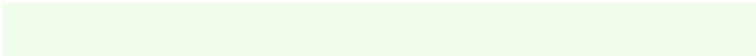
■ 73.9795, 0.2661,
0.4712

■ 73.3970, 0.2690,
0.4882

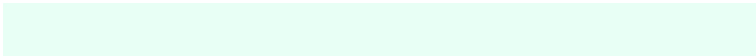
Harmonies

Analogous

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



95.0406, 0.3153, 0.3468



95.0406, 0.3042, 0.3400



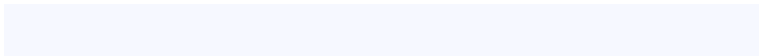
95.0406, 0.2955, 0.3302

Triad

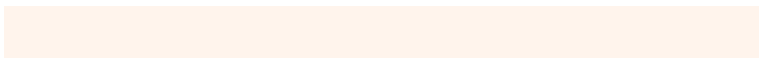
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.0406, 0.3042, 0.3400



95.0406, 0.2995, 0.3100



95.0406, 0.3346, 0.3372

Complementary

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



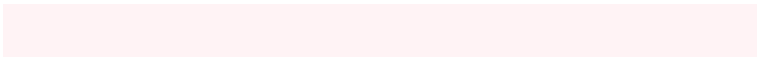
95.0406, 0.3042, 0.3400



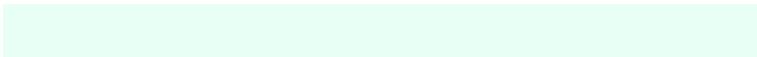
84.7929, 0.3221, 0.3183

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.



95.0406, 0.3302, 0.3275



95.0406, 0.3042, 0.3400



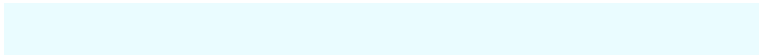
95.0406, 0.3098, 0.3120

Square

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



95.0406, 0.3042, 0.3400



95.0406, 0.2928, 0.3129



95.0406, 0.3211, 0.3184



95.0406, 0.3330, 0.3449

Rectangle

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



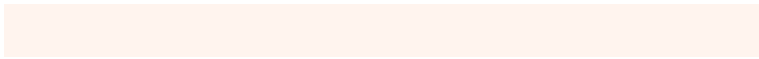
95.0406, 0.3042, 0.3400



95.0406, 0.2921, 0.3234



95.0406, 0.3211, 0.3184



95.0406, 0.3338, 0.3340

Sweetspot

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



95.0333, 0.3042, 0.3400



98.3547, 0.3100, 0.3324



96.1951, 0.3186, 0.3529



20.9601, 0.3093, 0.3333



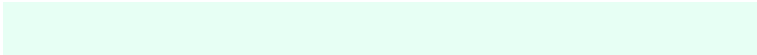
0.0000, 0.0000, 0.0000



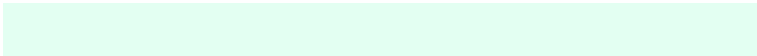
21.4041, 0.3127, 0.3290

Same Dimension

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



95.0333, 0.3042, 0.3400



94.2644, 0.3028, 0.3419



95.2107, 0.2981, 0.3282



20.3332, 0.3041, 0.3401



38.3670, 0.2684, 0.4864



3.7577, 0.2630, 0.4669

Inverse Universe

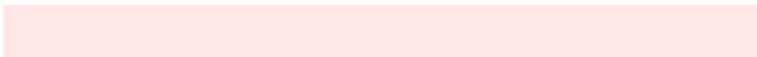
The Inverse Universe completely reimagines the original color for something new.



84.7929, 0.3221, 0.3183



82.4484, 0.3239, 0.3164



84.6020, 0.3292, 0.3298



18.1252, 0.3222, 0.3182



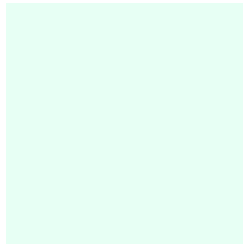
11.8036, 0.5147, 0.2609



1.1710, 0.4870, 0.2456

Previews

White Background



This preview shows how the Yxy color 95.0406, 0.3042, 0.3400 looks on a white background.

Color Contrast Check

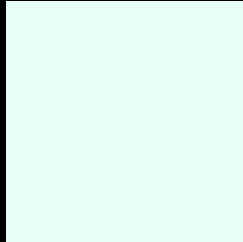
Large Text (above 18pt) WCAG AA × Fail

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 95.0406, 0.3042, 0.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

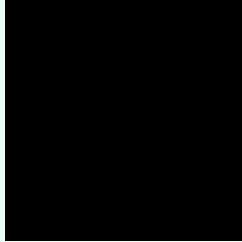
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

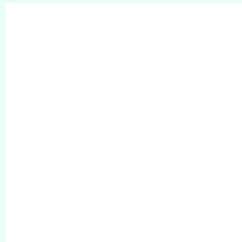
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.0406, 0.3042, 0.3400

Background



This preview shows how black text looks on a background with the Yxy color 95.0406, 0.3042, 0.3400.

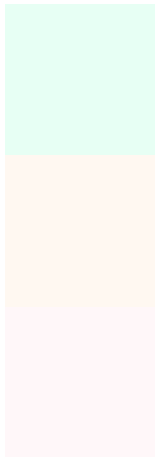


This preview shows how white text looks on a background with the Yxy color 95.0406, 0.3042, 0.3400.

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

95.0406, 0.3042, 0.3400

Protanopia

94.7457, 0.3214, 0.3358

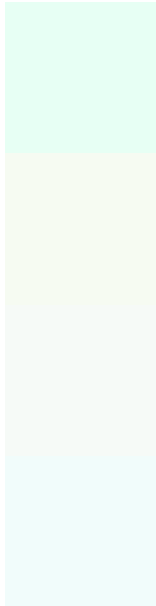
Deuteranopia

94.6211, 0.3166, 0.3271

Tritanopia

95.1840, 0.3073, 0.3241

Trichromacy



Original Color

95.0406, 0.3042, 0.3400

Protanomaly

94.9980, 0.3148, 0.3378

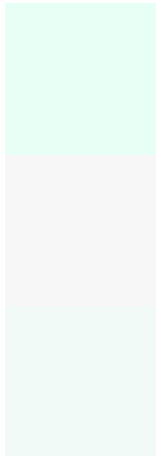
Deuteranomaly

94.6794, 0.3119, 0.3319

Tritanomaly

95.2866, 0.3065, 0.3300

Monochromacy



Original Color

95.0406, 0.3042, 0.3400

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.7258, 0.3094, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.0406, 0.3042, 0.3400 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(231, 255, 244)` looks like.

```
.text, #text, p{  
    color:rgb(231, 255, 244)  
}
```

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(231, 255, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 255, 244) }
```

Border

The CSS property to change the border of an element to Yxy 95.0406, 0.3042, 0.3400 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(231, 255, 244) }
```

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

```
.border{ border-color:rgb(231, 255, 244) }
```

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

Here you see how a box with a 4 pixel rgb(231, 255, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 255, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 255, 244);  
box-shadow:4px 4px 4px 4px rgb(231, 255,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 95.0406, 0.3042, 0.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 255, 244) }
```

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

```
.background{ background-color: rgb(231,  
255, 244) }
```

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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