

Converting Colors

$Y_{xy}(100.0000, 0.3024, 0.3483)$

Have a look what the booklet for
Yxy(100.0000, 0.3024, 0.3483)
contains.

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Color

Yxy(94.5456, 0.3024, 0.3400)

Conversions

Conversions Part 1

Format	Color
Hex	E4FFF4
RGB	228, 255, 244
RGB Percent	89%, 100%, 96%
CMY	0.1059, 0.0000, 0.0430
CMYK	0.11, 0.00, 0.04, 0.00
HSL	156°, 100%, 95%
HSV	156°, 11%, 100%
XYZ	84.0900, 94.5456, 99.4397
YIQ	245.6730, -12.5610, -9.1450

Conversions

Conversions Part 2

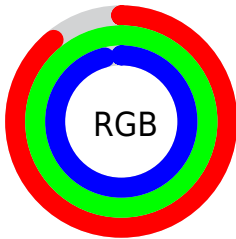
Format	Color
R _Y B	228, 245, 255
Decimal	15007732
CIE Lab	97.85, -10.74, 2.25
CIE LCh	98, 10.976, 168.154
Yxy	94.5456, 0.3024, 0.3400
Android (android.graphics.Color)	4293197812 (0xFFE4FFF4)
YUV	245.6730, -0.8248, -15.4992
Hunter-Lab	97.2346, -15.7909, 7.4296

Details

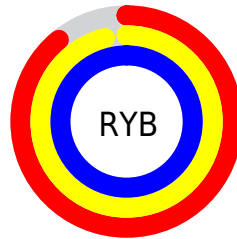
The Yxy color **94.5456, 0.3024, 0.3400** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82.9790, 0.3243, 0.3183**, and the grayscale version is **91.9001, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.7897, 0.2998, 0.3419** is the 20% darker color. If you saturate the color by 10%, you get **90.0702, 0.2930, 0.3516**, and if you desaturate by 10%, it is **99.6785, 0.3121, 0.3296**.

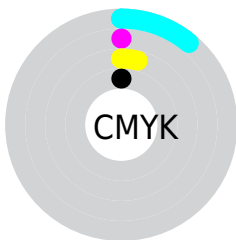
Distribution



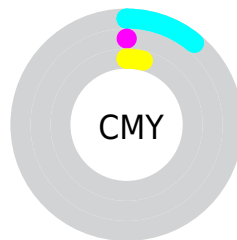
- Red (89%)
- Green (100%)
- Blue (96%)



- Red (89%)
- Yellow (96%)
- Blue (100%)



- Cyan (11%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)




- Cyan (11%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.5456, 0.3024, 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 94.5456, 0.3024, 0.3400 by changing the saturation by 10% instead.


 94.5456, 0.3024,
0.3400

 94.5456, 0.3024,
0.3400

542.7092, 0.3070,
0.3351

 71.7568, 0.3014,
0.3411


153.6367, 0.3040,
0.3383

 52.9601, 0.3002,
0.3424

190.7078, 0.3046,
0.3377

 37.7709, 0.2987,
0.3440


233.3085, 0.3051,
0.3371

 25.8049, 0.2967,
0.3461

281.8231, 0.3056,
0.3366

 16.6778, 0.2942,
0.3488

336.6361, 0.3060,
0.3362

 10.0050, 0.2907,
0.3526

398.1319, 0.3063,

 5.4023, 0.2856,

0.3358

0.3582

466.6948, 0.3067,
0.3354

■ 2.4852, 0.2775,
0.3672

■ 0.8692, 0.2538,
0.3912

■ 94.5456, 0.3024,
0.3400

■ 94.5456, 0.3024,
0.3400

■ 90.0702, 0.2930,
0.3516

99.6785, 0.3121,
0.3296

■ 86.2143, 0.2842,
0.3643

100.0000, 0.3127,
0.3290

■ 82.9519, 0.2764,
0.3782

■ 80.2513, 0.2698,
0.3930

■ 78.0776, 0.2648,
0.4085

■ 76.3917, 0.2617,
0.4244

■ 75.1492, 0.2606,
0.4405

■ 74.2967, 0.2616,
0.4563

■ 73.7714, 0.2641,
0.4707

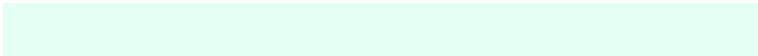
Harmonies

Analogous

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



94.5456, 0.3143, 0.3478



94.5456, 0.3024, 0.3400



94.5456, 0.2933, 0.3292

Triad

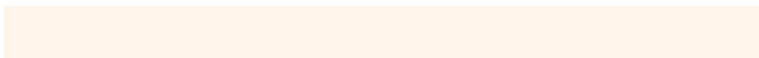
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.5456, 0.3024, 0.3400



94.5456, 0.2993, 0.3084



94.5456, 0.3366, 0.3388

Complementary

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



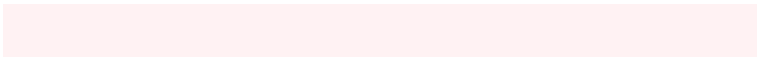
94.5456, 0.3024, 0.3400



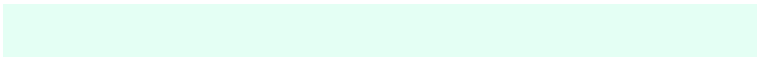
82.9790, 0.3243, 0.3183

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.



94.5456, 0.3324, 0.3284



94.5456, 0.3024, 0.3400



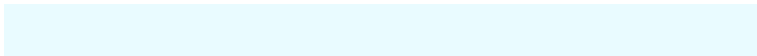
94.5456, 0.3108, 0.3111

Square

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



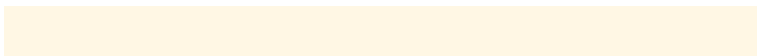
94.5456, 0.3024, 0.3400



94.5456, 0.2916, 0.3110



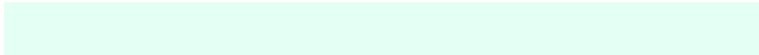
94.5456, 0.3229, 0.3184



94.5456, 0.3342, 0.3468

Rectangle

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



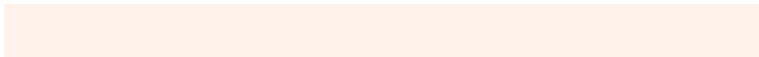
94.5456, 0.3024, 0.3400



94.5456, 0.2901, 0.3219



94.5456, 0.3229, 0.3184



94.5456, 0.3359, 0.3354

Sweetspot

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



94.5492, 0.3024, 0.3400



98.3795, 0.3098, 0.3320



95.5164, 0.3185, 0.3560



20.9668, 0.3090, 0.3328



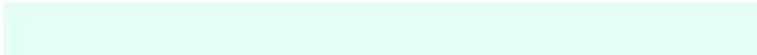
0.0000, 0.0000, 0.0000



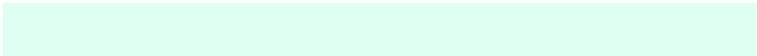
21.4041, 0.3127, 0.3290

Same Dimension

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



94.5492, 0.3024, 0.3400



93.4096, 0.3001, 0.3427



93.8078, 0.2964, 0.3267



20.3494, 0.3034, 0.3388



38.5775, 0.2634, 0.4682



3.7778, 0.2585, 0.4506

Inverse Universe

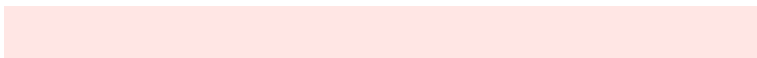
The Inverse Universe completely reimagines the original color for something new.



82.9790, 0.3243, 0.3183



79.4385, 0.3273, 0.3157



83.5970, 0.3313, 0.3313



18.1093, 0.3230, 0.3194



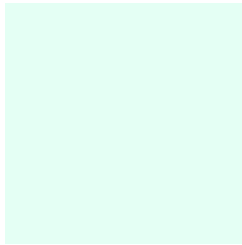
11.6533, 0.5360, 0.2727



1.1556, 0.5061, 0.2562

Previews

White Background



This preview shows how the Yxy color 94.5456, 0.3024, 0.3400 looks on a white background.

Color Contrast Check

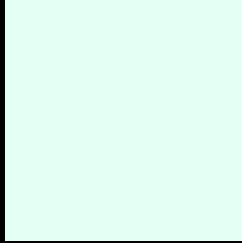
Large Text (above 18pt) WCAG AA × Fail

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 94.5456, 0.3024, 0.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

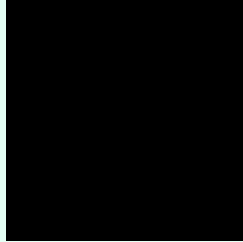
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

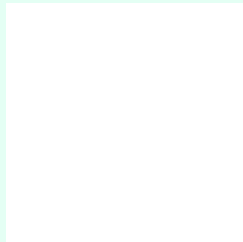
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.5456, 0.3024, 0.3400

Background



This preview shows how black text looks on a background with the Yxy color 94.5456, 0.3024, 0.3400.

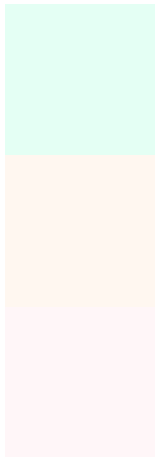


This preview shows how white text looks on a background with the Yxy color 94.5456, 0.3024, 0.3400.

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

94.5456, 0.3024, 0.3400

Protanopia

94.0728, 0.3221, 0.3358

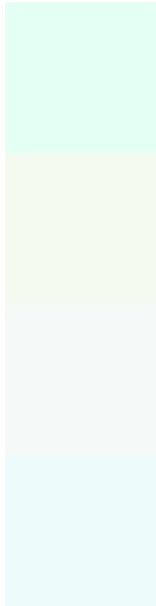
Deuteranopia

93.9488, 0.3173, 0.3271

Tritanopia

94.2045, 0.3061, 0.3231

Trichromacy



Original Color

94.5456, 0.3024, 0.3400

Protanomaly

94.1346, 0.3148, 0.3379

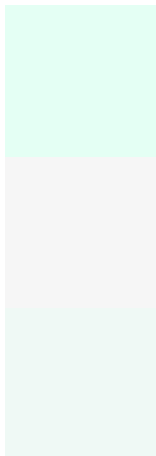
Deuteranomaly

93.8792, 0.3114, 0.3310

Tritanomaly

94.1365, 0.3046, 0.3290

Monochromacy



Original Color

94.5456, 0.3024, 0.3400

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.6947, 0.3087, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.5456, 0.3024, 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(228, 255, 244)` looks like.

```
.text, #text, p{  
    color:rgb(228, 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(228, 255, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 255, 244) }
```

Border

The CSS property to change the border of an element to Yxy 94.5456, 0.3024, 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(228, 255, 244) }
```

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

```
.border{ border-color:rgb(228, 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(228, 255, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 255, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 255, 244);  
box-shadow:4px 4px 4px 4px rgb(228, 255,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 94.5456, 0.3024, 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(228, 255, 244) }
```

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

```
.background{ background-color: rgb(228,  
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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