

Converting Colors

Yxy(94.3606, 0.3068, 0.3467)

Have a look what the booklet for
Yxy(94.3606, 0.3068, 0.3467)
contains.

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Color

Yxy(94.2924, 0.3069, 0.3472)

Conversions

Conversions Part 1

Format	Color
Hex	E5FFED
RGB	229, 255, 237
RGB Percent	90%, 100%, 93%
CMY	0.1022, 0.0000, 0.0705
CMYK	0.10, 0.00, 0.07, 0.00
HSL	139°, 100%, 95%
HSV	139°, 10%, 100%
XYZ	83.3477, 94.2924, 93.9393
YIQ	245.1740, -9.7180, -11.1100

Conversions

Conversions Part 2

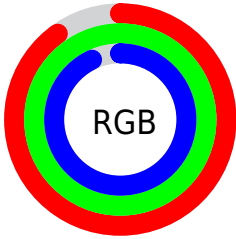
Format	Color
R _{YB}	229, 249, 255
Decimal	15073261
CIE Lab	97.75, -11.72, 5.72
CIE LCh	98, 13.043, 153.970
Yxy	94.2924, 0.3069, 0.3472
Android (android.graphics.Color)	4293263341 (0xFFE5FFED)
YUV	245.1740, -4.0298, -14.1846
Hunter-Lab	97.1043, -16.7201, 10.6154

Details

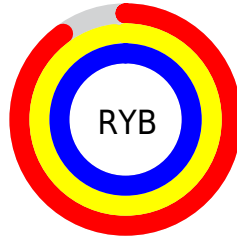
The Yxy color **94.2924, 0.3069, 0.3472** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83.9800, 0.3191, 0.3115**, and the grayscale version is **91.4840, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.6086, 0.3055, 0.3511** is the 20% darker color. If you saturate the color by 10%, you get **89.4156, 0.3013, 0.3673**, and if you desaturate by 10%, it is **99.8706, 0.3126, 0.3294**.

Distribution



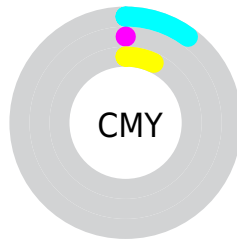
- Red (90%)
- Green (100%)
- Blue (93%)



- Red (90%)
- Yellow (98%)
- Blue (100%)



- Cyan (10%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (10%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.2924, 0.3069, 0.3472 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 94.2924, 0.3069, 0.3472 by changing the saturation by 10% instead.

 94.2924, 0.3069,
0.3472

 94.2924, 0.3069,
0.3472


541.8972, 0.3095,
0.3391

 71.5462, 0.3063,
0.3490


153.2867, 0.3078,
0.3444

 52.7880, 0.3056,
0.3512


190.3035, 0.3082,
0.3433

 37.6336, 0.3047,
0.3539


232.8460, 0.3085,
0.3424

 25.6984, 0.3035,
0.3575

281.2985, 0.3087,
0.3415

 16.5982, 0.3020,
0.3621

336.0455, 0.3090,
0.3408

 9.9484, 0.2999,
0.3686

397.4714, 0.3092,

 5.3648, 0.2966,

0.3402

0.3783

465.9605, 0.3094,
0.3396

■ 2.4628, 0.2912,
0.3942

■ 0.8579, 0.2755,
0.4465

■ 94.2924, 0.3069,
0.3472

■ 94.2924, 0.3069,
0.3472

■ 89.4156, 0.3013,
0.3673

99.8706, 0.3126,
0.3294

■ 85.2341, 0.2959,
0.3896

100.0000, 0.3127,
0.3290

■ 81.7082, 0.2911,
0.4140

■ 78.8036, 0.2872,
0.4400

■ 76.4828, 0.2845,
0.4668

■ 74.7041, 0.2832,
0.4936

■ 73.4200, 0.2836,
0.5190

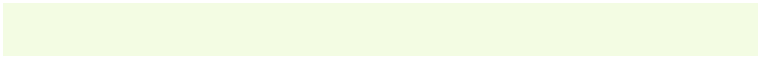
■ 72.5743, 0.2858,
0.5418

■ 72.0843, 0.2890,
0.5605

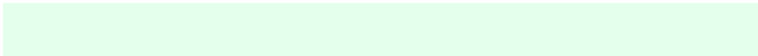
Harmonies

Analogous

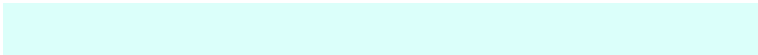
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.2924, 0.3214, 0.3537



94.2924, 0.3069, 0.3472



94.2924, 0.2942, 0.3355

Triad

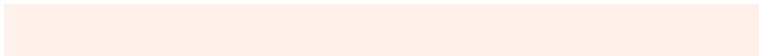
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.2924, 0.3069, 0.3472



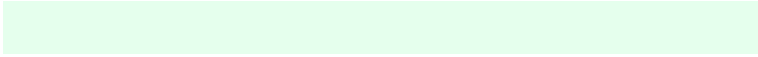
94.2924, 0.2917, 0.3053



94.2924, 0.3398, 0.3348

Complementary

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



94.2924, 0.3069, 0.3472



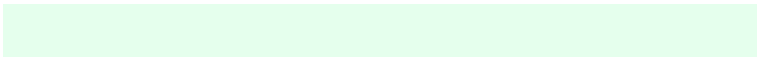
83.9800, 0.3191, 0.3115

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.



94.2924, 0.3314, 0.3224



94.2924, 0.3069, 0.3472



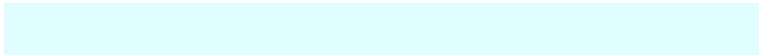
94.2924, 0.3036, 0.3056

Square

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



94.2924, 0.3069, 0.3472



94.2924, 0.2855, 0.3112



94.2924, 0.3181, 0.3118



94.2924, 0.3406, 0.3461

Rectangle

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



94.2924, 0.3069, 0.3472



94.2924, 0.2883, 0.3265



94.2924, 0.3181, 0.3118



94.2924, 0.3377, 0.3306

Sweetspot

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



94.2846, 0.3069, 0.3472



98.2424, 0.3110, 0.3341



96.9818, 0.3230, 0.3547



20.9298, 0.3106, 0.3355



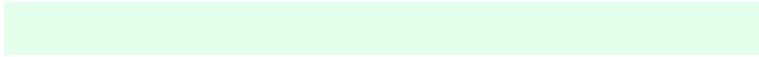
0.0000, 0.0000, 0.0000



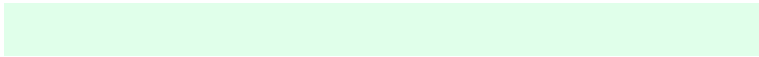
21.4041, 0.3127, 0.3290

Same Dimension

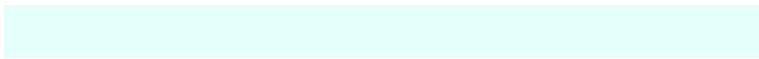
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.2846, 0.3069, 0.3472



93.3648, 0.3059, 0.3506



95.0581, 0.2998, 0.3342



20.2608, 0.3073, 0.3458



37.6890, 0.2882, 0.5576



3.6883, 0.2820, 0.5352

Inverse Universe

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



83.9800, 0.3191, 0.3115



81.4111, 0.3203, 0.3083



83.2185, 0.3274, 0.3239



18.1989, 0.3186, 0.3127



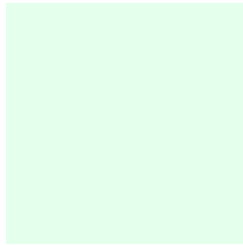
12.7750, 0.4186, 0.2079



1.2635, 0.4046, 0.2003

Previews

White Background



This preview shows how the Yxy color 94.2924, 0.3069, 0.3472 looks on a white background.

Color Contrast Check

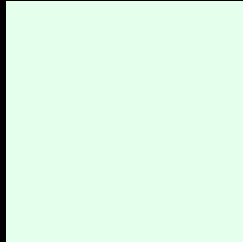
Large Text (above 18pt) WCAG AA × Fail

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 94.2924, 0.3069, 0.3472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

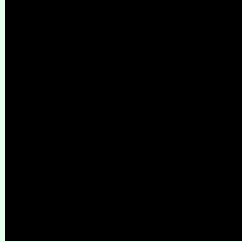
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

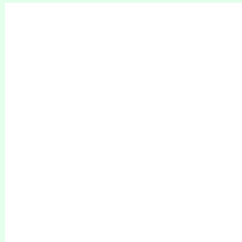
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.2924, 0.3069, 0.3472

Background



This preview shows how black text looks on a background with the Yxy color 94.2924, 0.3069, 0.3472.

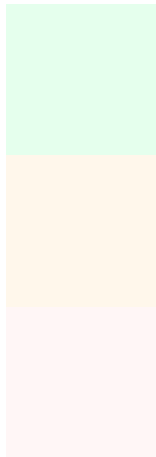


This preview shows how white text looks on a background with the Yxy color 94.2924, 0.3069, 0.3472.

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

94.2924, 0.3069, 0.3472

Protanopia

93.7797, 0.3251, 0.3407

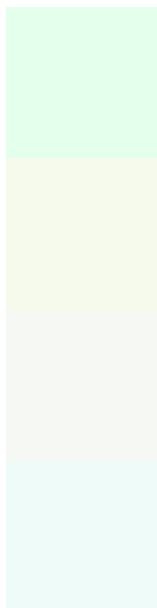
Deuteranopia

93.8254, 0.3185, 0.3290

Tritanopia

94.2045, 0.3061, 0.3231

Trichromacy



Original Color

94.2924, 0.3069, 0.3472

Protanomaly

94.0202, 0.3184, 0.3428

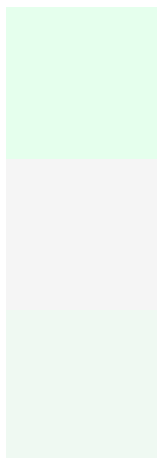
Deuteranomaly

93.8153, 0.3143, 0.3349

Tritanomaly

94.1224, 0.3070, 0.3319

Monochromacy



Original Color

94.2924, 0.3069, 0.3472

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

92.5129, 0.3105, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.2924, 0.3069, 0.3472 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(229, 255, 237)` looks like.

```
.text, #text, p{  
    color:rgb(229, 255, 237)  
}
```

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(229, 255, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 255, 237) }
```

Border

The CSS property to change the border of an element to Yxy 94.2924, 0.3069, 0.3472 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(229, 255, 237) }
```

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

```
.border{ border-color:rgb(229, 255, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 255, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 255, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 255, 237);  
box-shadow:4px 4px 4px 4px rgb(229, 255,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 94.2924, 0.3069, 0.3472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 255, 237) }
```

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

```
.background{ background-color: rgb(229,  
255, 237) }
```

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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