

Converting Colors

$Yxy(94.3944, 0.3070, 0.3467)$

Have a look what the booklet for
Yxy(94.3944, 0.3070, 0.3467)
contains.

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Color

Yxy(94.4574, 0.3076, 0.3472)

Conversions

Conversions Part 1

Format	Color
Hex	E6FFED
RGB	230, 255, 237
RGB Percent	90%, 100%, 93%
CMY	0.0979, 0.0000, 0.0707
CMYK	0.10, 0.00, 0.07, 0.00
HSL	137°, 100%, 95%
HSV	137°, 10%, 100%
XYZ	83.6840, 94.4574, 93.9133
YIQ	245.4730, -9.1220, -10.8980

Conversions

Conversions Part 2

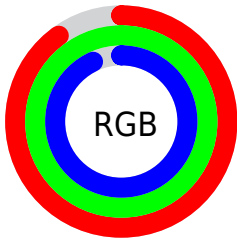
Format	Color
R _Y B	230, 250, 255
Decimal	15138797
CIE Lab	97.82, -11.36, 5.86
CIE LCh	98, 12.783, 152.737
Yxy	94.4574, 0.3076, 0.3472
Android (android.graphics.Color)	4293328877 (0xFFE6FFED)
YUV	245.4730, -4.1772, -13.5698
Hunter-Lab	97.1892, -16.3850, 10.7409

Details

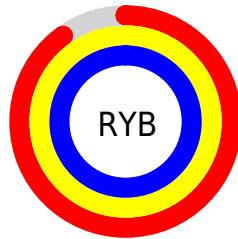
The Yxy color $94.4574, 0.3076, 0.3472$ is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be $84.6580, 0.3182, 0.3115$, and the grayscale version is $91.7569, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $52.7230, 0.3062, 0.3511$ is the 20% darker color. If you saturate the color by 10%, you get $89.5235, 0.3024, 0.3682$, and if you desaturate by 10%, it is $99.9994, 0.3127, 0.3290$.

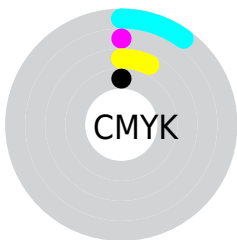
Distribution



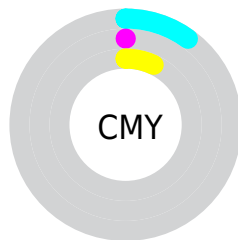
- Red (90%)
- Green (100%)
- Blue (93%)



- 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 94.4574, 0.3076, 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 94.4574, 0.3076, 0.3472 by changing the saturation by 10% instead.


 94.4574, 0.3076,
0.3472

 94.4574, 0.3076,
0.3472


542.4264, 0.3099,
0.3391

 71.6835, 0.3071,
0.3490

153.5148, 0.3084,
0.3444

 52.9001, 0.3064,
0.3512

190.5670, 0.3087,
0.3433

 37.7231, 0.3057,
0.3539


233.1474, 0.3090,
0.3424

 25.7678, 0.3046,
0.3575

281.6404, 0.3092,
0.3416

 16.6500, 0.3033,
0.3621

336.4304, 0.3094,
0.3408

 9.9853, 0.3013,
0.3686

397.9019, 0.3096,

 5.3892, 0.2984,

0.3402

0.3782

466.4391, 0.3098,
0.3396

■ 2.4774, 0.2936,
0.3941

■ 0.8653, 0.2805,
0.4453

■ 94.4574, 0.3076,
0.3472

■ 94.4574, 0.3076,
0.3472

■ 89.5235, 0.3024,
0.3682

99.9994, 0.3127,
0.3290

■ 85.2833, 0.2975,
0.3915

■ 81.7088, 0.2930,
0.4170

■ 78.7654, 0.2893,
0.4442

■ 76.4151, 0.2867,
0.4722

■ 74.6158, 0.2855,
0.4999

■ 73.3196, 0.2859,
0.5259

■ 72.4702, 0.2879,
0.5488

■ 71.9795, 0.2910,
0.5676

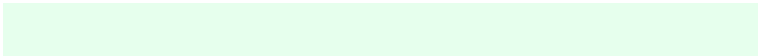
Harmonies

Analogous

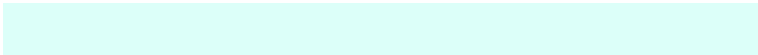
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.4574, 0.3218, 0.3533



94.4574, 0.3076, 0.3472



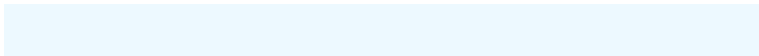
94.4574, 0.2950, 0.3359

Triad

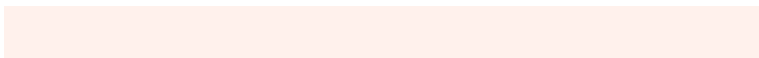
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.4574, 0.3076, 0.3472



94.4574, 0.2918, 0.3059



94.4574, 0.3390, 0.3342

Complementary

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



94.4574, 0.3076, 0.3472



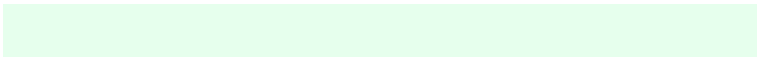
84.6580, 0.3182, 0.3115

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.



94.4574, 0.3306, 0.3220



94.4574, 0.3076, 0.3472



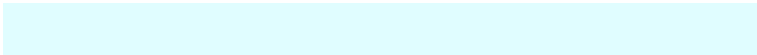
94.4574, 0.3032, 0.3059

Square

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



94.4574, 0.3076, 0.3472



94.4574, 0.2860, 0.3119



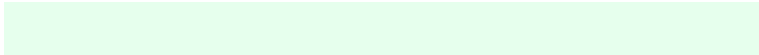
94.4574, 0.3174, 0.3118



94.4574, 0.3402, 0.3454

Rectangle

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



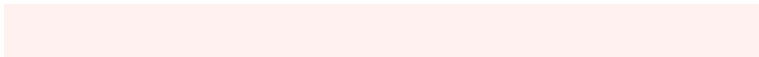
94.4574, 0.3076, 0.3472



94.4574, 0.2891, 0.3271



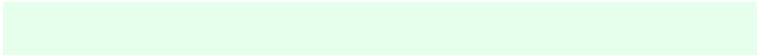
94.4574, 0.3174, 0.3118



94.4574, 0.3369, 0.3301

Sweetspot

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



94.4614, 0.3076, 0.3472



98.2269, 0.3112, 0.3343



97.2541, 0.3231, 0.3535



20.9256, 0.3107, 0.3358



0.0000, 0.0000, 0.0000



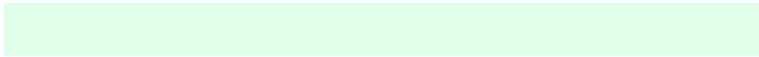
21.4041, 0.3127, 0.3290

Same Dimension

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



94.4614, 0.3076, 0.3472



93.3081, 0.3064, 0.3516



95.1996, 0.3008, 0.3348



20.2510, 0.3077, 0.3466



37.6283, 0.2903, 0.5652



3.6813, 0.2843, 0.5434

Inverse Universe

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



84.6580, 0.3182, 0.3115



81.4719, 0.3196, 0.3074



83.9243, 0.3262, 0.3233



18.2093, 0.3181, 0.3120



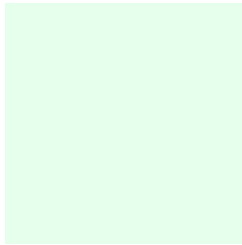
12.9495, 0.4064, 0.2013



1.2794, 0.3944, 0.1946

Previews

White Background



This preview shows how the Yxy color 94.4574, 0.3076, 0.3472 looks on a white background.

Color Contrast Check

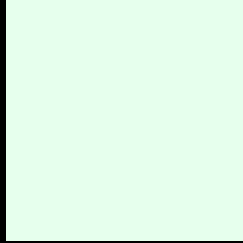
Large Text (above 18pt) WCAG AA × Fail

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 94.4574, 0.3076, 0.3472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

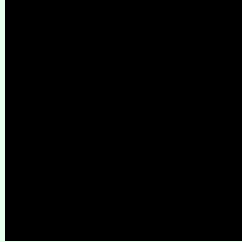
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

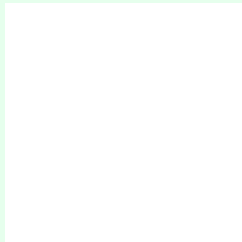
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.4574, 0.3076, 0.3472

Background



This preview shows how black text looks on a background with the Yxy color 94.4574, 0.3076, 0.3472.

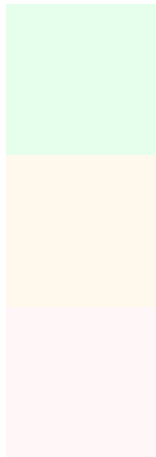


This preview shows how white text looks on a background with the Yxy color 94.4574, 0.3076, 0.3472.

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

94.4574, 0.3076, 0.3472

Protanopia

94.4509, 0.3244, 0.3407

Deuteranopia

94.4969, 0.3178, 0.3290

Tritanopia

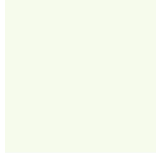
94.3838, 0.3067, 0.3232

Trichromacy



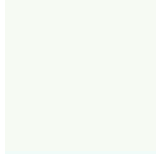
Original Color

94.4574, 0.3076, 0.3472



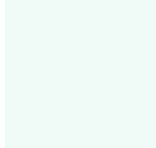
Protanomaly

94.6433, 0.3184, 0.3438



Deuteranomaly

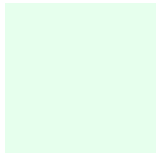
94.4351, 0.3143, 0.3359



Tritanomaly

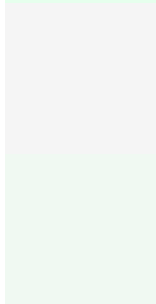
94.2969, 0.3076, 0.3319

Monochromacy



Original Color

94.4574, 0.3076, 0.3472



Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

92.6874, 0.3111, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.4574, 0.3076, 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(230, 255, 237)` looks like.

```
.text, #text, p{  
    color:rgb(230, 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(230, 255, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 255, 237) }
```

Border

The CSS property to change the border of an element to Yxy 94.4574, 0.3076, 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(230, 255, 237) }
```

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

```
.border{ border-color:rgb(230, 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(230, 255, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 255, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 255, 237);  
box-shadow:4px 4px 4px 4px rgb(230, 255,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 94.4574, 0.3076, 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(230, 255, 237) }
```

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

```
.background{ background-color: rgb(230,  
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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