

Converting Colors

$Yxy(93.0805, 0.3078, 0.3547)$

Have a look what the booklet for
Yxy(93.0805, 0.3078, 0.3547)
contains.

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Color

Yxy(93.0805, 0.3078, 0.3547)

Conversions

Conversions Part 1

Format	Color
Hex	E0FFE6
RGB	224, 255, 230
RGB Percent	88%, 100%, 90%
CMY	0.1217, 0.0000, 0.0981
CMYK	0.12, 0.00, 0.10, 0.00
HSL	132°, 100%, 94%
HSV	132°, 12%, 100%
XYZ	80.7730, 93.0805, 88.5669
YIQ	242.8810, -10.4510, -14.3470

Conversions

Conversions Part 2

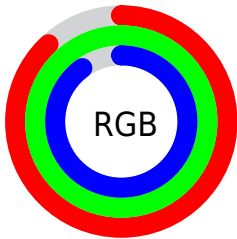
Format	Color
RYB	224, 250, 255
Decimal	14745574
CIELab	97.26, -14.59, 8.58
CIELCh	97, 16.926, 149.538
Yxy	93.0805, 0.3078, 0.3547
Android (android.graphics.Color)	4292935654 (0xFFE0FFE6)
YUV	242.8810, -6.3503, -16.5586
Hunter-Lab	96.4782, -19.3941, 13.1066

Details

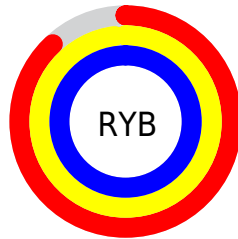
The Yxy color **93.0805, 0.3078, 0.3547** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81.3870, 0.3180, 0.3046**, and the grayscale version is **89.5745, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.9183, 0.3066, 0.3594** is the 20% darker color. If you saturate the color by 10%, you get **88.2143, 0.3038, 0.3788**, and if you desaturate by 10%, it is **98.6802, 0.3118, 0.3333**.

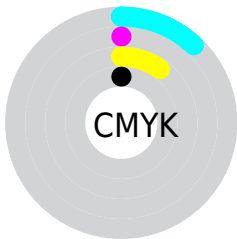
Distribution



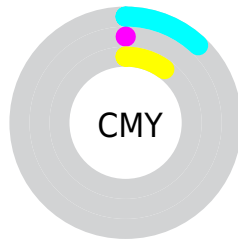
- Red (88%)
- Green (100%)
- Blue (90%)



- Red (88%)
- Yellow (98%)
- Blue (100%)



- Cyan (12%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (12%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 93.0805, 0.3078, 0.3547 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 93.0805, 0.3078, 0.3547 by changing the saturation by 10% instead.

 93.0805, 0.3078,
0.3547

 93.0805, 0.3078,
0.3547

538.0015, 0.3101,
0.3431

 70.5384, 0.3073,
0.3573


151.6101, 0.3086,
0.3507

 51.9656, 0.3066,
0.3604


188.3663, 0.3089,
0.3492

 36.9777, 0.3058,
0.3644


230.6294, 0.3092,
0.3478

 25.1902, 0.3047,
0.3695

278.7838, 0.3094,
0.3466

 16.2188, 0.3033,
0.3763

333.2138, 0.3096,
0.3456

 9.6791, 0.3012,
0.3858

394.3038, 0.3098,

 5.1867, 0.2979,

0.3447

0.4002

462.4382, 0.3099,
0.3438

■ 2.3572, 0.2921,
0.4240

■ 0.8038, 0.2743,
0.5406

■ 93.0805, 0.3078,
0.3547

■ 93.0805, 0.3078,
0.3547

■ 88.2143, 0.3038,
0.3788

■ 98.6802, 0.3118,
0.3333

■ 84.0699, 0.2999,
0.4056

100.0000, 0.3127,
0.3290

■ 80.6066, 0.2964,
0.4346

■ 77.7873, 0.2936,
0.4650

■ 75.5715, 0.2917,
0.4956

■ 73.9142, 0.2910,
0.5248

■ 72.7635, 0.2917,
0.5505

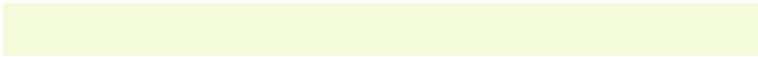
■ 72.0576, 0.2935,
0.5713

■ 71.7467, 0.2954,
0.5834

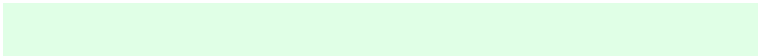
Harmonies

Analogous

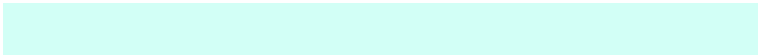
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.0805, 0.3266, 0.3619



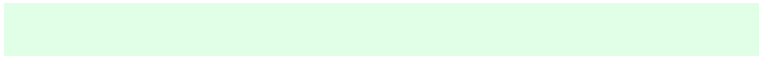
93.0805, 0.3078, 0.3547



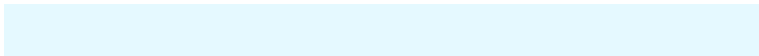
93.0805, 0.2907, 0.3400

Triad

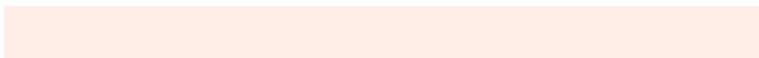
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.0805, 0.3078, 0.3547



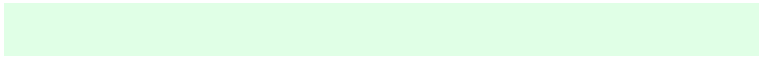
93.0805, 0.2837, 0.2988



93.0805, 0.3470, 0.3340

Complementary

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



93.0805, 0.3078, 0.3547



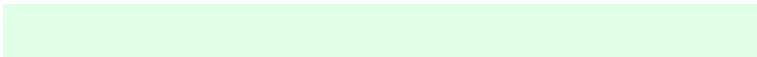
81.3870, 0.3180, 0.3046

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.



93.0805, 0.3349, 0.3181



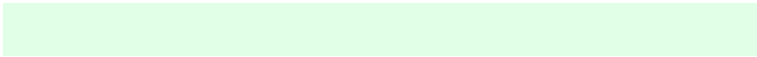
93.0805, 0.3078, 0.3547



93.0805, 0.2981, 0.2981

Square

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



93.0805, 0.3078, 0.3547



93.0805, 0.2771, 0.3074



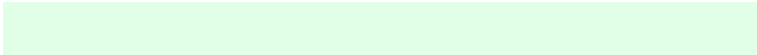
93.0805, 0.3168, 0.3052



93.0805, 0.3497, 0.3492

Rectangle

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



93.0805, 0.3078, 0.3547



93.0805, 0.2824, 0.3282



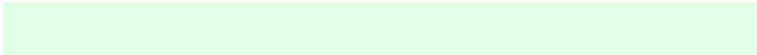
93.0805, 0.3168, 0.3052



93.0805, 0.3439, 0.3286

Sweetspot

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



93.0737, 0.3078, 0.3547



97.5985, 0.3111, 0.3370



97.0963, 0.3273, 0.3595



20.7964, 0.3108, 0.3386



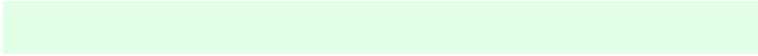
0.0000, 0.0000, 0.0000



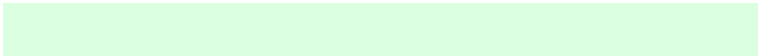
21.4041, 0.3127, 0.3290

Same Dimension

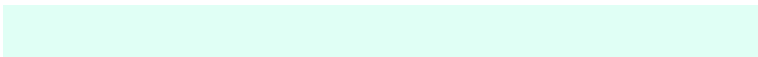
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.0737, 0.3078, 0.3547



91.6254, 0.3067, 0.3612



93.9639, 0.2994, 0.3389



20.2259, 0.3089, 0.3487



37.5055, 0.2948, 0.5812



3.6662, 0.2895, 0.5620

Inverse Universe

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



81.3870, 0.3180, 0.3046



77.5071, 0.3194, 0.2988



80.4781, 0.3281, 0.3193



18.2362, 0.3168, 0.3101



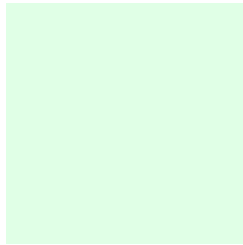
13.4441, 0.3773, 0.1852



1.3238, 0.3697, 0.1810

Previews

White Background



This preview shows how the Yxy color 93.0805, 0.3078, 0.3547 looks on a white background.

Color Contrast Check

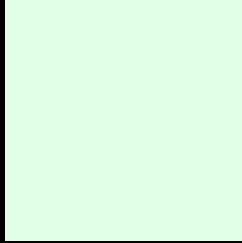
Large Text (above 18pt) WCAG AA × Fail

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 93.0805, 0.3078, 0.3547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

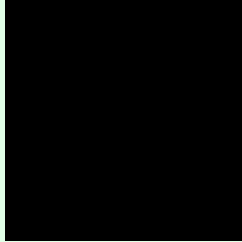
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

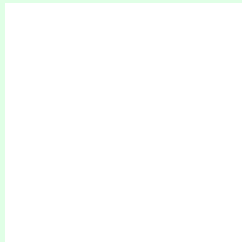
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.0805, 0.3078, 0.3547

Background



This preview shows how black text looks on a background with the Yxy color 93.0805, 0.3078, 0.3547.

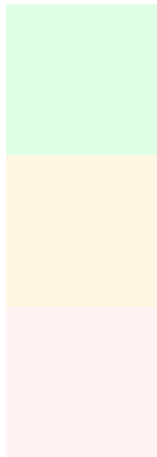


This preview shows how white text looks on a background with the Yxy color 93.0805, 0.3078, 0.3547.

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

93.0805, 0.3078, 0.3547

Protanopia

92.7730, 0.3296, 0.3466

Deuteranopia

92.4324, 0.3205, 0.3300

Tritanopia

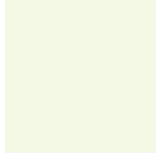
93.0556, 0.3042, 0.3221

Trichromacy



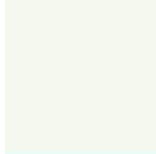
Original Color

93.0805, 0.3078, 0.3547



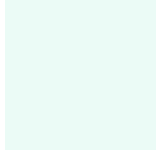
Protanomaly

92.6416, 0.3214, 0.3490



Deuteranomaly

92.5409, 0.3161, 0.3389



Tritanomaly

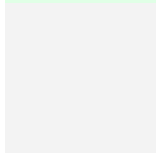
93.3103, 0.3056, 0.3340

Monochromacy



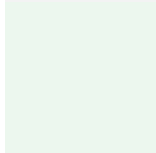
Original Color

93.0805, 0.3078, 0.3547



Achromatopsia

89.6269, 0.3127, 0.3290



Achromatomaly

90.5274, 0.3110, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.0805, 0.3078, 0.3547 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(224, 255, 230)` looks like.

```
.text, #text, p{  
    color:rgb(224, 255, 230)  
}
```

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(224, 255, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 255, 230) }
```

Border

The CSS property to change the border of an element to Yxy 93.0805, 0.3078, 0.3547 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(224, 255, 230) }
```

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

```
.border{ border-color:rgb(224, 255, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 255, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 255, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 255, 230);  
box-shadow:4px 4px 4px 4px rgb(224, 255,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 93.0805, 0.3078, 0.3547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 255, 230) }
```

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

```
.background{ background-color: rgb(224,  
255, 230) }
```

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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