

Converting Colors

Yxy(93.6672, 0.3043, 0.3469)

Have a look what the booklet for
Yxy(93.6672, 0.3043, 0.3469)
contains.

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Color

Yxy(93.6420, 0.3045, 0.3473)

Conversions

Conversions Part 1

Format	Color
Hex	E1FFED
RGB	225, 255, 237
RGB Percent	88%, 100%, 93%
CMY	0.1176, 0.0000, 0.0705
CMYK	0.12, 0.00, 0.07, 0.00
HSL	144°, 100%, 94%
HSV	144°, 12%, 100%
XYZ	82.1019, 93.6420, 93.8847
YIQ	243.9780, -12.1020, -11.9580

Conversions

Conversions Part 2

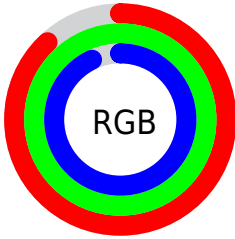
Format	Color
R _Y B	225, 246, 255
Decimal	14811117
CIE Lab	97.49, -12.99, 5.31
CIE LCh	97, 14.029, 157.766
Yxy	93.6420, 0.3045, 0.3473
Android (android.graphics.Color)	4293001197 (0xFFE1FFED)
YUV	243.9780, -3.4402, -16.6437
Hunter-Lab	96.7688, -17.9000, 10.2153

Details

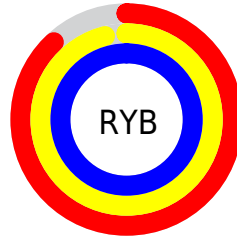
The Yxy color **93.6420, 0.3045, 0.3473** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81.5863, 0.3219, 0.3114**, and the grayscale version is **90.4877, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.2704, 0.3032, 0.3513** is the 20% darker color. If you saturate the color by 10%, you get **88.9919, 0.2977, 0.3649**, and if you desaturate by 10%, it is **98.9863, 0.3115, 0.3316**.

Distribution



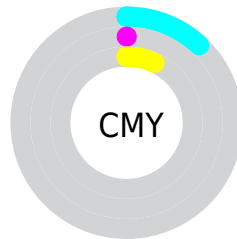
- Red (88%)
- Green (100%)
- Blue (93%)



- Red (88%)
- Yellow (96%)
- Blue (100%)



- Cyan (12%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (12%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.6420, 0.3045, 0.3473 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 93.6420, 0.3045, 0.3473 by changing the saturation by 10% instead.

 93.6420, 0.3045,
0.3473

 93.6420, 0.3045,
0.3473


539.8083, 0.3082,
0.3391

 71.0052, 0.3037,
0.3491

152.3871, 0.3058,
0.3445

 52.3465, 0.3027,
0.3513


189.2643, 0.3063,
0.3434

 37.2813, 0.3014,
0.3541


231.6570, 0.3067,
0.3424

 25.4254, 0.2998,
0.3577

279.9497, 0.3071,
0.3416

 16.3943, 0.2977,
0.3624

334.5268, 0.3074,
0.3409

 9.8036, 0.2947,
0.3690

395.7727, 0.3077,

 5.2689, 0.2903,

0.3402

0.3788

464.0717, 0.3080,
0.3396

■ 2.4059, 0.2830,
0.3950

■ 0.8289, 0.2571,
0.4527

■ 93.6420, 0.3045,
0.3473

■ 93.6420, 0.3045,
0.3473

■ 88.9919, 0.2977,
0.3649

■ 98.9863, 0.3115,
0.3316

■ 84.9981, 0.2913,
0.3844

100.0000, 0.3127,
0.3290

■ 81.6325, 0.2857,
0.4057

■ 78.8616, 0.2811,
0.4283

■ 76.6485, 0.2779,
0.4519

■ 74.9520, 0.2764,
0.4756

■ 73.7251, 0.2769,
0.4986

■ 72.9114, 0.2792,
0.5200

■ 72.4822, 0.2822,
0.5360

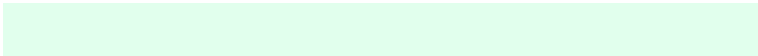
Harmonies

Analogous

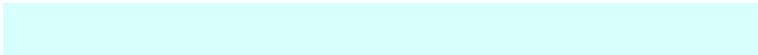
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.6420, 0.3201, 0.3552



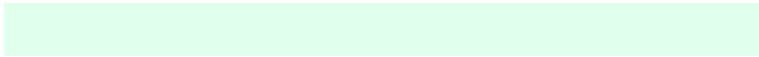
93.6420, 0.3045, 0.3473



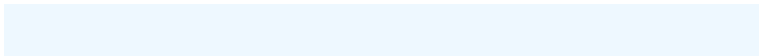
93.6420, 0.2913, 0.3342

Triad

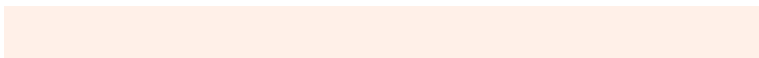
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.6420, 0.3045, 0.3473



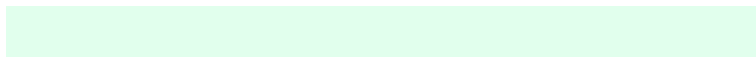
93.6420, 0.2914, 0.3031



93.6420, 0.3425, 0.3369

Complementary

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



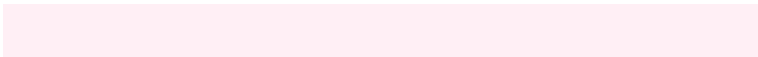
93.6420, 0.3045, 0.3473



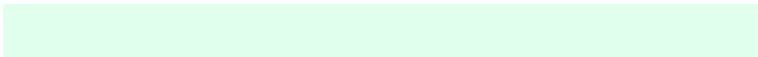
81.5863, 0.3219, 0.3114

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.



93.6420, 0.3344, 0.3235



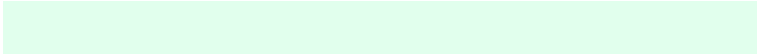
93.6420, 0.3045, 0.3473



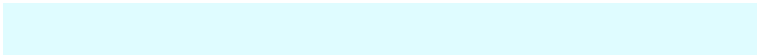
93.6420, 0.3047, 0.3043

Square

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



93.6420, 0.3045, 0.3473



93.6420, 0.2839, 0.3086



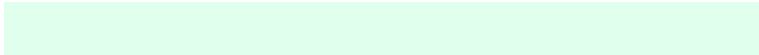
93.6420, 0.3205, 0.3117



93.6420, 0.3423, 0.3487

Rectangle

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



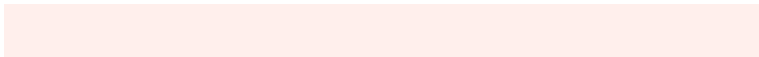
93.6420, 0.3045, 0.3473



93.6420, 0.2855, 0.3245



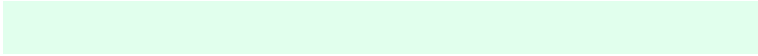
93.6420, 0.3205, 0.3117



93.6420, 0.3407, 0.3324

Sweetspot

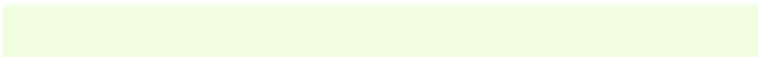
The Sweet Spot groups the original color and five complimentary colors.



93.6450, 0.3045, 0.3473



97.7290, 0.3099, 0.3349



96.0122, 0.3226, 0.3589



20.8293, 0.3094, 0.3361



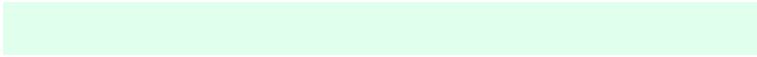
0.0000, 0.0000, 0.0000



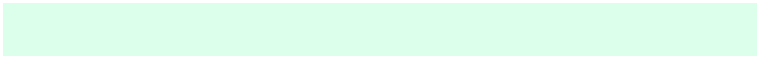
21.4041, 0.3127, 0.3290

Same Dimension

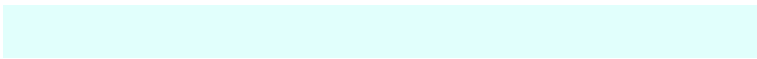
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.6450, 0.3045, 0.3473



92.5442, 0.3030, 0.3511



94.5576, 0.2963, 0.3320



20.2887, 0.3061, 0.3436



37.9011, 0.2814, 0.5329



3.7112, 0.2751, 0.5103

Inverse Universe

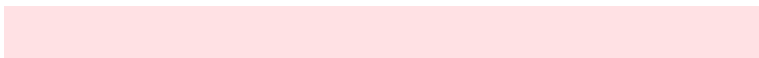
The Inverse Universe completely reimagines the original color for something new.



81.5863, 0.3219, 0.3114



78.4127, 0.3239, 0.3079



80.7180, 0.3320, 0.3261



18.1699, 0.3200, 0.3148



12.3384, 0.4547, 0.2278



1.2229, 0.4352, 0.2171

Previews

White Background



This preview shows how the Yxy color 93.6420, 0.3045, 0.3473 looks on a white background.

Color Contrast Check

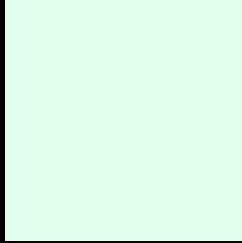
Large Text (above 18pt) WCAG AA × Fail

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 93.6420, 0.3045, 0.3473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

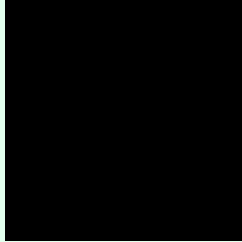
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

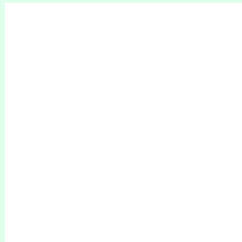
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.6420, 0.3045, 0.3473

Background



This preview shows how black text looks on a background with the Yxy color 93.6420, 0.3045, 0.3473.

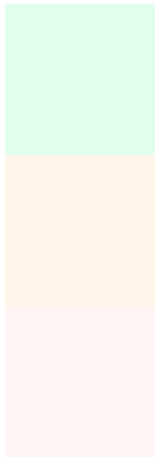


This preview shows how white text looks on a background with the Yxy color 93.6420, 0.3045, 0.3473.

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

93.6420, 0.3045, 0.3473

Protanopia

93.0547, 0.3265, 0.3417

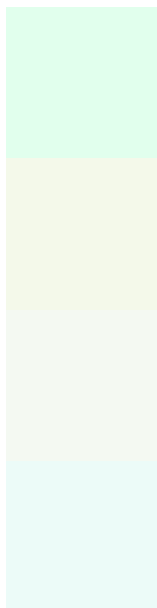
Deuteranopia

93.1574, 0.3192, 0.3290

Tritanopia

93.2320, 0.3049, 0.3221

Trichromacy



Original Color

93.6420, 0.3045, 0.3473

Protanomaly

92.9250, 0.3184, 0.3439

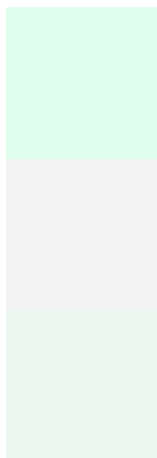
Deuteranomaly

93.3953, 0.3137, 0.3359

Tritanomaly

93.6045, 0.3051, 0.3320

Monochromacy



Original Color

93.6420, 0.3045, 0.3473

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

91.4902, 0.3099, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.6420, 0.3045, 0.3473 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(225, 255, 237)` looks like.

```
.text, #text, p{  
    color:rgb(225, 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(225, 255, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 255, 237) }
```

Border

The CSS property to change the border of an element to Yxy 93.6420, 0.3045, 0.3473 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(225, 255, 237) }
```

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

```
.border{ border-color:rgb(225, 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(225, 255, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 255, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 255, 237);  
box-shadow:4px 4px 4px 4px rgb(225, 255,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 93.6420, 0.3045, 0.3473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 255, 237) }
```

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

```
.background{ background-color: rgb(225,  
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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