

Converting Colors

$Yxy(93.8422, 0.3042, 0.3460)$

Have a look what the booklet for
Yxy(93.8422, 0.3042, 0.3460)
contains.

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Color

Yxy(93.8618, 0.3046, 0.3463)

Conversions

Conversions Part 1

Format	Color
Hex	E2FFEE
RGB	226, 255, 238
RGB Percent	89%, 100%, 93%
CMY	0.1136, 0.0000, 0.0668
CMYK	0.11, 0.00, 0.07, 0.00
HSL	145°, 100%, 94%
HSV	145°, 11%, 100%
XYZ	82.5594, 93.8618, 94.6207
YIQ	244.3910, -11.8270, -11.4350

Conversions

Conversions Part 2

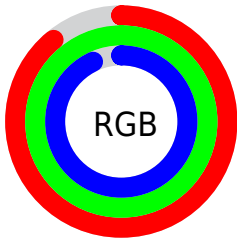
Format	Color
R _Y B	226, 247, 255
Decimal	14876654
CIE Lab	97.58, -12.49, 4.97
CIE LCh	98, 13.437, 158.314
Yxy	93.8618, 0.3046, 0.3463
Android (android.graphics.Color)	4293066734 (0xFFE2FFEE)
YUV	244.3910, -3.1508, -16.1289
Hunter-Lab	96.8823, -17.4332, 9.9117

Details

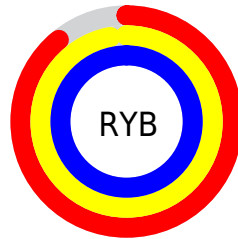
The Yxy color **93.8618, 0.3046, 0.3463** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82.1479, 0.3218, 0.3123**, and the grayscale version is **90.8335, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.4235, 0.3032, 0.3499** is the 20% darker color. If you saturate the color by 10%, you get **89.1985, 0.2976, 0.3635**, and if you desaturate by 10%, it is **99.2183, 0.3117, 0.3309**.

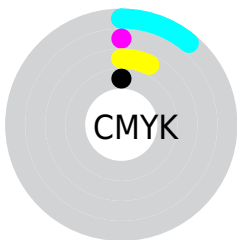
Distribution



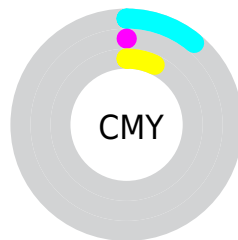
- Red (89%)
- Green (100%)
- Blue (93%)



- Red (89%)
- Yellow (97%)
- Blue (100%)



- Cyan (11%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (11%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.8618, 0.3046, 0.3463 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 93.8618, 0.3046, 0.3463 by changing the saturation by 10% instead.

 93.8618, 0.3046,
0.3463

 93.8618, 0.3046,
0.3463

540.5147, 0.3082,
0.3386

 71.1880, 0.3038,
0.3480


152.6912, 0.3058,
0.3437

 52.4956, 0.3028,
0.3501


189.6156, 0.3063,
0.3426

 37.4003, 0.3016,
0.3527


232.0590, 0.3068,
0.3417

 25.5176, 0.3000,
0.3561

280.4058, 0.3071,
0.3409

 16.4631, 0.2979,
0.3605

335.0403, 0.3075,
0.3402

 9.8524, 0.2950,
0.3667

396.3471, 0.3077,

 5.3012, 0.2907,

0.3396

0.3759

464.7104, 0.3080,
0.3391

■ 2.4251, 0.2836,
0.3911

■ 0.8387, 0.2595,
0.4421

■ 93.8618, 0.3046,
0.3463

■ 93.8618, 0.3046,
0.3463

■ 89.1985, 0.2976,
0.3635

■ 99.2183, 0.3117,
0.3309

■ 85.1897, 0.2911,
0.3826

100.0000, 0.3127,
0.3290

■ 81.8079, 0.2853,
0.4033

■ 79.0198, 0.2806,
0.4255

■ 76.7887, 0.2772,
0.4486

■ 75.0739, 0.2756,
0.4719

■ 73.8287, 0.2759,
0.4946

■ 72.9972, 0.2782,
0.5159

■ 72.5391, 0.2813,
0.5327

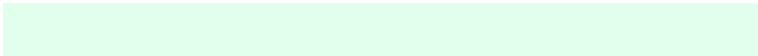
Harmonies

Analogous

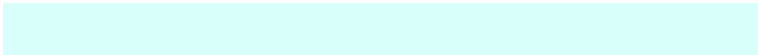
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.8618, 0.3196, 0.3540



93.8618, 0.3046, 0.3463



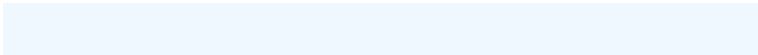
93.8618, 0.2920, 0.3337

Triad

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



93.8618, 0.3046, 0.3463



93.8618, 0.2925, 0.3042



93.8618, 0.3413, 0.3368

Complementary

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



93.8618, 0.3046, 0.3463



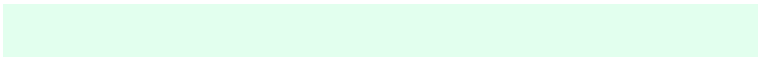
82.1479, 0.3218, 0.3123

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.



93.8618, 0.3337, 0.3240



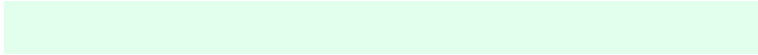
93.8618, 0.3046, 0.3463



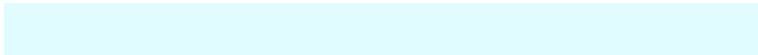
93.8618, 0.3054, 0.3054

Square

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



93.8618, 0.3046, 0.3463



93.8618, 0.2852, 0.3094



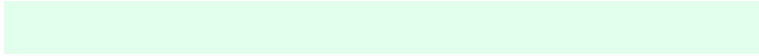
93.8618, 0.3204, 0.3126



93.8618, 0.3410, 0.3480

Rectangle

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



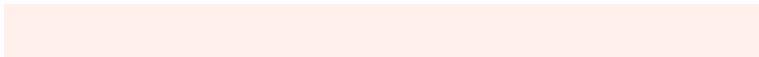
93.8618, 0.3046, 0.3463



93.8618, 0.2866, 0.3245



93.8618, 0.3204, 0.3126



93.8618, 0.3396, 0.3326

Sweetspot

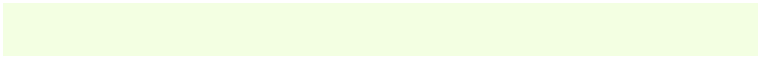
The Sweet Spot groups the original color and five complimentary colors.



93.8651, 0.3046, 0.3463



98.2913, 0.3106, 0.3333



96.1414, 0.3223, 0.3578



20.9430, 0.3100, 0.3345



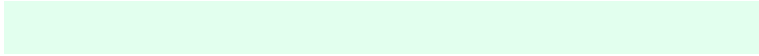
0.0000, 0.0000, 0.0000



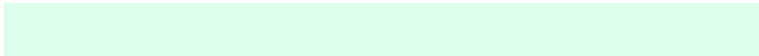
21.4041, 0.3127, 0.3290

Same Dimension

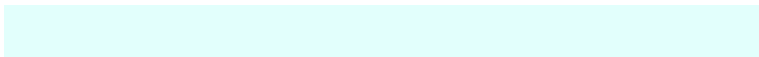
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.8651, 0.3046, 0.3463



92.5668, 0.3027, 0.3507



94.7294, 0.2968, 0.3319



20.2922, 0.3059, 0.3433



37.9312, 0.2804, 0.5296



3.7143, 0.2742, 0.5071

Inverse Universe

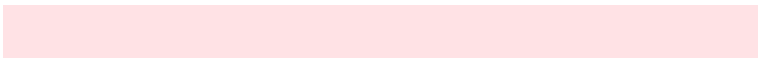
The Inverse Universe completely reimagines the original color for something new.



82.1479, 0.3218, 0.3123



78.3892, 0.3242, 0.3083



81.3255, 0.3312, 0.3262



18.1664, 0.3202, 0.3151



12.2905, 0.4592, 0.2303



1.2184, 0.4391, 0.2192

Previews

White Background



This preview shows how the Yxy color 93.8618, 0.3046, 0.3463 looks on a white background.

Color Contrast Check

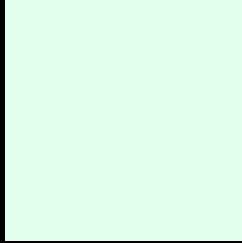
Large Text (above 18pt) WCAG AA × Fail

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 93.8618, 0.3046, 0.3463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

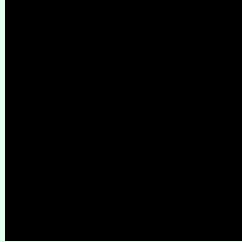
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

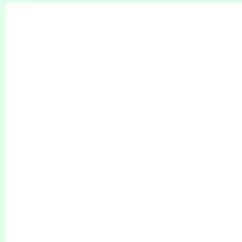
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.8618, 0.3046, 0.3463

Background



This preview shows how black text looks on a background with the Yxy color 93.8618, 0.3046, 0.3463.

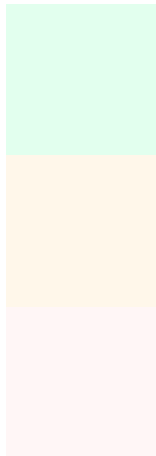


This preview shows how white text looks on a background with the Yxy color 93.8618, 0.3046, 0.3463.

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

93.8618, 0.3046, 0.3463

Protanopia

93.7220, 0.3257, 0.3417

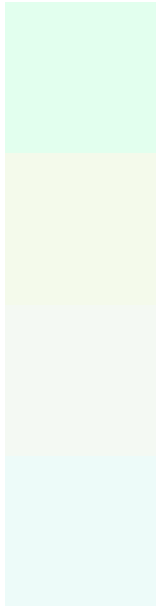
Deuteranopia

93.8254, 0.3185, 0.3290

Tritanopia

94.0260, 0.3055, 0.3231

Trichromacy



Original Color

93.8618, 0.3046, 0.3463

Protanomaly

93.6025, 0.3177, 0.3439

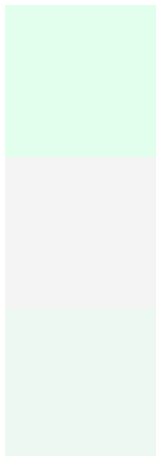
Deuteranomaly

93.4555, 0.3131, 0.3349

Tritanomaly

93.8384, 0.3052, 0.3310

Monochromacy



Original Color

93.8618, 0.3046, 0.3463

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

91.5501, 0.3093, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.8618, 0.3046, 0.3463 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(226, 255, 238)` looks like.

```
.text, #text, p{  
    color:rgb(226, 255, 238)  
}
```

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(226, 255, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 255, 238) }
```

Border

The CSS property to change the border of an element to Yxy 93.8618, 0.3046, 0.3463 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(226, 255, 238) }
```

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

```
.border{ border-color:rgb(226, 255, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 255, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 255, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 255, 238);  
box-shadow:4px 4px 4px 4px rgb(226, 255,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 93.8618, 0.3046, 0.3463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 255, 238) }
```

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

```
.background{ background-color: rgb(226,  
255, 238) }
```

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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