

Converting Colors

Yxy(96.0869, 0.3082, 0.3402)

Have a look what the booklet for
Yxy(96.0869, 0.3082, 0.3402)
contains.

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Color

Yxy(96.0562, 0.3079, 0.3399)

Conversions

Conversions Part 1

Format	Color
Hex	EDFFF4
RGB	237, 255, 244
RGB Percent	93%, 100%, 96%
CMY	0.0706, 0.0000, 0.0432
CMYK	0.07, 0.00, 0.04, 0.00
HSL	143°, 100%, 96%
HSV	143°, 7%, 100%
XYZ	87.0130, 96.0562, 99.5322
YIQ	248.3640, -7.1970, -7.2370

Conversions

Conversions Part 2

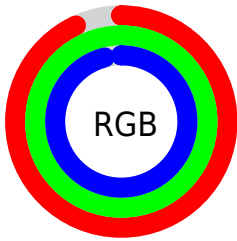
Format	Color
R _Y B	237, 250, 255
Decimal	15597556
CIE Lab	98.45, -7.84, 3.23
CIE LCh	98, 8.483, 157.599
Yxy	96.0562, 0.3079, 0.3399
Android (android.graphics.Color)	4293787636 (0xFFEDFFF4)
YUV	248.3640, -2.1515, -9.9662
Hunter-Lab	98.0083, -13.0399, 8.3939

Details

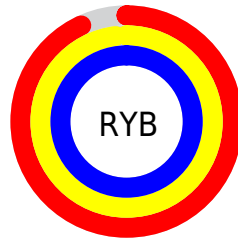
The Yxy color 96.0562, 0.3079, 0.3399 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.6084, 0.3179, 0.3183, and the grayscale version is 94.2040, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.8428, 0.3067, 0.3417 is the 20% darker color. If you saturate the color by 10%, you get 91.0663, 0.3012, 0.3570, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

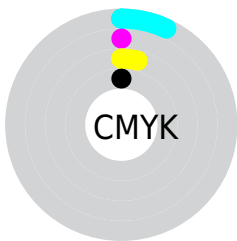
Distribution



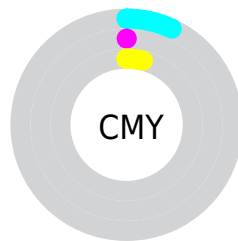
- Red (93%)
- Green (100%)
- Blue (96%)



- Red (93%)
- Yellow (98%)
- Blue (100%)



- Cyan (7%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (7%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.0562, 0.3079, 0.3399 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 96.0562, 0.3079, 0.3399 by changing the saturation by 10% instead.

 96.0562, 0.3079,
0.3399

 96.0562, 0.3079,
0.3399


547.5408, 0.3100,
0.3351

 73.0144, 0.3074,
0.3410


155.7230, 0.3086,
0.3383

 53.9877, 0.3069,
0.3422


193.1167, 0.3089,
0.3376

 38.5918, 0.3061,
0.3438


236.0632, 0.3092,
0.3370

 26.4423, 0.3052,
0.3459

284.9468, 0.3094,
0.3366

 17.1549, 0.3040,
0.3486

340.1520, 0.3096,
0.3361

 10.3450, 0.3024,
0.3523

402.0631, 0.3098,

 5.6283, 0.3000,

0.3357

0.3578

471.0646, 0.3099,
0.3354

■ 2.6204, 0.2960,
0.3665

■ 0.9369, 0.2875,
0.3859

■ 96.0562, 0.3079,
0.3399

■ 96.0562, 0.3079,
0.3399

■ 91.0663, 0.3012,
0.3570

100.0000, 0.3127,
0.3290

■ 86.7527, 0.2947,
0.3760

■ 83.0852, 0.2888,
0.3969

■ 80.0313, 0.2838,
0.4194

■ 77.5556, 0.2800,
0.4431

■ 75.6191, 0.2778,
0.4673

■ 74.1776, 0.2774,
0.4912

■ 73.1795, 0.2789,
0.5137

■ 72.5592, 0.2821,
0.5341

Harmonies

Analogous

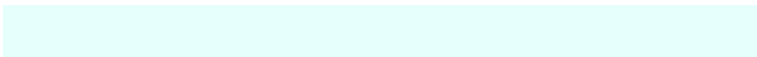
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.0562, 0.3173, 0.3446



96.0562, 0.3079, 0.3399



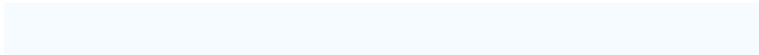
96.0562, 0.2999, 0.3322

Triad

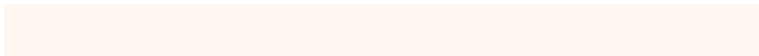
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



96.0562, 0.3079, 0.3399



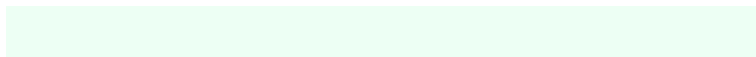
96.0562, 0.2999, 0.3134



96.0562, 0.3305, 0.3339

Complementary

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



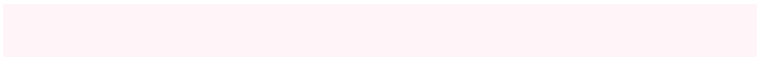
96.0562, 0.3079, 0.3399



88.6084, 0.3179, 0.3183

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.



96.0562, 0.3257, 0.3257



96.0562, 0.3079, 0.3399



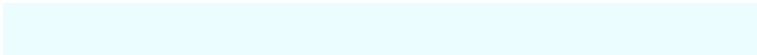
96.0562, 0.3079, 0.3140

Square

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



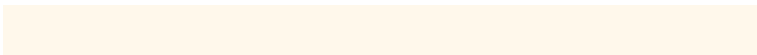
96.0562, 0.3079, 0.3399



96.0562, 0.2953, 0.3169



96.0562, 0.3174, 0.3185



96.0562, 0.3304, 0.3409

Rectangle

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



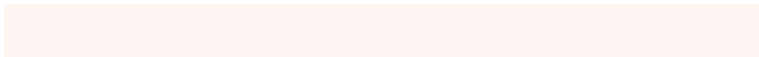
96.0562, 0.3079, 0.3399



96.0562, 0.2963, 0.3265



96.0562, 0.3174, 0.3185



96.0562, 0.3294, 0.3312

Sweetspot

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



96.0560, 0.3079, 0.3399



98.8462, 0.3114, 0.3320



97.6096, 0.3188, 0.3466



21.1692, 0.3114, 0.3318



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.



96.0560, 0.3079, 0.3399



95.5562, 0.3073, 0.3414



96.6106, 0.3029, 0.3310



20.2849, 0.3062, 0.3439



37.8683, 0.2824, 0.5366



3.7078, 0.2761, 0.5138

Inverse Universe

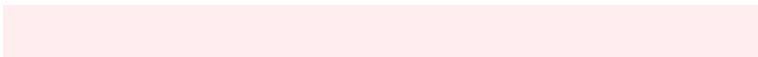
The Inverse Universe completely reimagines the original color for something new.



88.6084, 0.3179, 0.3183



87.1683, 0.3186, 0.3169



88.0682, 0.3235, 0.3270



18.1739, 0.3198, 0.3146



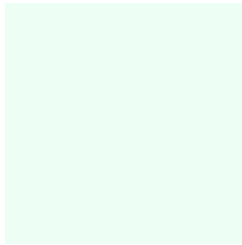
12.3935, 0.4496, 0.2250



1.2281, 0.4309, 0.2147

Previews

White Background



This preview shows how the Yxy color 96.0562, 0.3079, 0.3399 looks on a white background.

Color Contrast Check

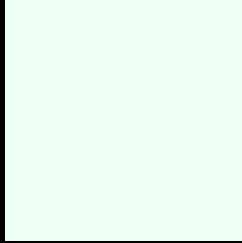
Large Text (above 18pt) WCAG AA × Fail

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 96.0562, 0.3079, 0.3399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

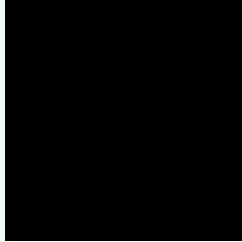
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

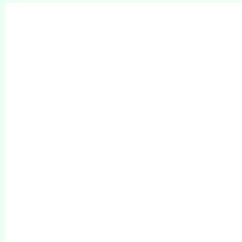
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 96.0562, 0.3079, 0.3399

Background



This preview shows how black text looks on a background with the Yxy color 96.0562, 0.3079, 0.3399.

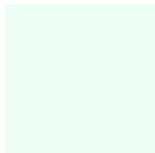


This preview shows how white text looks on a background with the Yxy color 96.0562, 0.3079, 0.3399.

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

96.0562, 0.3079, 0.3399



Protanopia

96.1629, 0.3194, 0.3348

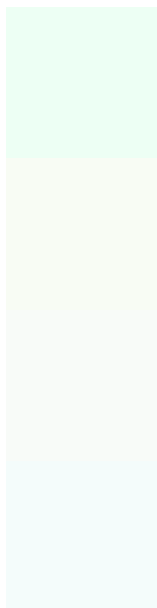
Deuteranopia

95.9135, 0.3159, 0.3281

Tritanopia

95.5477, 0.3086, 0.3242

Trichromacy



Original Color

96.0562, 0.3079, 0.3399

Protanomaly

96.1089, 0.3149, 0.3368

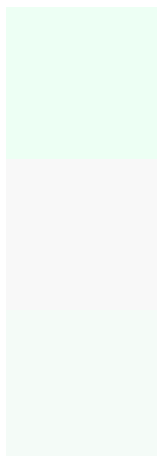
Deuteranomaly

95.7281, 0.3126, 0.3319

Tritanomaly

95.8189, 0.3083, 0.3300

Monochromacy



Original Color

96.0562, 0.3079, 0.3399

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.9429, 0.3106, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.0562, 0.3079, 0.3399 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(237, 255, 244)` looks like.

```
.text, #text, p{  
    color:rgb(237, 255, 244)  
}
```

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(237, 255, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 255, 244) }
```

Border

The CSS property to change the border of an element to Yxy 96.0562, 0.3079, 0.3399 is called "border". The border property can be set on classes, ids or directly on the HTML element.

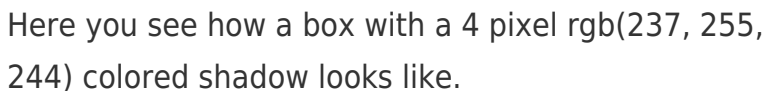
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 255, 244) }
```

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

```
.border{ border-color:rgb(237, 255, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(237, 255, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 255, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 255, 244); box-shadow:4px 4px 4px 4px rgb(237, 255, 244) }
```


Background

The CSS property to change the background color of an element to Yxy 96.0562, 0.3079, 0.3399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 255, 244) }
```

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

```
.background{ background-color: rgb(237,  
255, 244) }
```

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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