

Converting Colors

$Yxy(96.5405, 0.3069, 0.3462)$

Have a look what the booklet for
Yxy(96.5405, 0.3069, 0.3462)
contains.

Yxy(94.9671, 0.3071, 0.3440)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(94.9671, 0.3071, 0.3440)

Conversions

Conversions Part 1

Format	Color
Hex	E8FFF0
RGB	232, 255, 240
RGB Percent	91%, 100%, 94%
CMY	0.0900, 0.0000, 0.0587
CMYK	0.09, 0.00, 0.06, 0.00
HSL	141°, 100%, 95%
HSV	141°, 9%, 100%
XYZ	84.7802, 94.9671, 96.3198
YIQ	246.4130, -8.8930, -9.5410

Conversions

Conversions Part 2

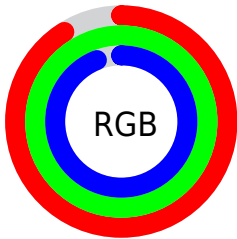
Format	Color
R _Y B	232, 249, 255
Decimal	15269872
CIE Lab	98.02, -10.16, 4.60
CIE LCh	98, 11.151, 155.663
Yxy	94.9671, 0.3071, 0.3440
Android (android.graphics.Color)	4293459952 (0xFFE8FFF0)
YUV	246.4130, -3.1616, -12.6402
Hunter-Lab	97.4511, -15.2484, 9.6140

Details

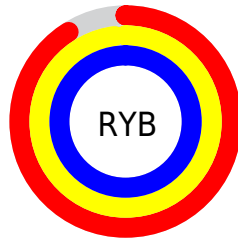
The Yxy color **94.9671, 0.3071, 0.3440** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.7128, 0.3188, 0.3145**, and the grayscale version is **92.5514, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.0790, 0.3056, 0.3470** is the 20% darker color. If you saturate the color by 10%, you get **90.0642, 0.3009, 0.3627**, and if you desaturate by 10%, it is **99.9950, 0.3127, 0.3290**.

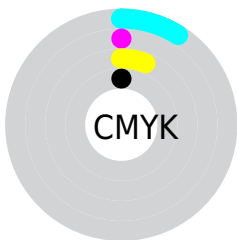
Distribution



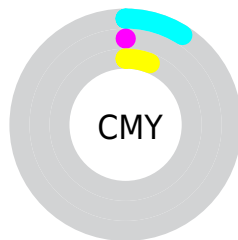
- Red (91%)
- Green (100%)
- Blue (94%)



- Red (91%)
- Yellow (98%)
- Blue (100%)



- Cyan (9%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)




- Cyan (9%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.9671, 0.3071, 0.3440 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 94.9671, 0.3071, 0.3440 by changing the saturation by 10% instead.


 94.9671, 0.3071,
0.3440

 94.9671, 0.3071,
0.3440


544.0596, 0.3096,
0.3373

 72.1076, 0.3065,
0.3455


154.2191, 0.3080,
0.3417

 53.2466, 0.3059,
0.3473


191.3805, 0.3083,
0.3408

 37.9996, 0.3050,
0.3495


234.0779, 0.3086,
0.3400

 25.9824, 0.3039,
0.3524

282.6957, 0.3088,
0.3394

 16.8105, 0.3025,
0.3562

337.6184, 0.3091,
0.3388

 10.0995, 0.3005,
0.3614

399.2304, 0.3093,

 5.4650, 0.2975,

0.3382

0.3692

467.9160, 0.3095,
0.3377

■ 2.5226, 0.2926,
0.3819

■ 0.8879, 0.2799,
0.4170

■ 94.9671, 0.3071,
0.3440

■ 94.9671, 0.3071,
0.3440

■ 90.0642, 0.3009,
0.3627

99.9950, 0.3127,
0.3290

■ 85.8380, 0.2951,
0.3834

■ 82.2616, 0.2898,
0.4062

■ 79.3015, 0.2854,
0.4305

■ 76.9213, 0.2822,
0.4559

■ 75.0803, 0.2805,
0.4815

■ 73.7326, 0.2806,
0.5063

■ 72.8240, 0.2826,
0.5291

■ 72.2759, 0.2860,
0.5490

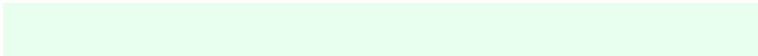
Harmonies

Analogous

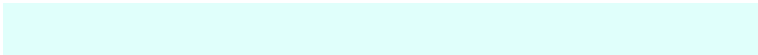
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.9671, 0.3195, 0.3498



94.9671, 0.3071, 0.3440



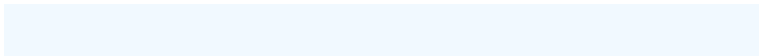
94.9671, 0.2964, 0.3339

Triad

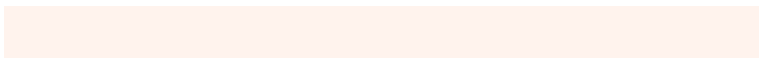
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.9671, 0.3071, 0.3440



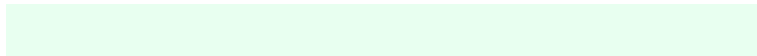
94.9671, 0.2953, 0.3086



94.9671, 0.3360, 0.3346

Complementary

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



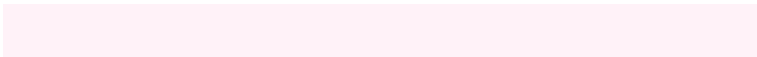
94.9671, 0.3071, 0.3440



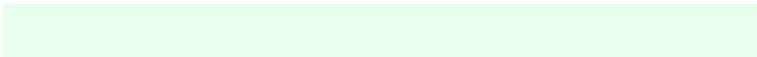
85.7128, 0.3188, 0.3145

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.



94.9671, 0.3292, 0.3239



94.9671, 0.3071, 0.3440



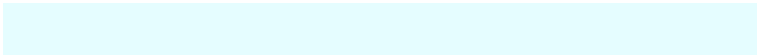
94.9671, 0.3056, 0.3091

Square

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



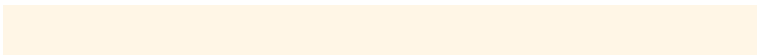
94.9671, 0.3071, 0.3440



94.9671, 0.2896, 0.3134



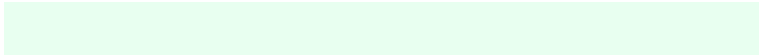
94.9671, 0.3180, 0.3147



94.9671, 0.3363, 0.3441

Rectangle

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



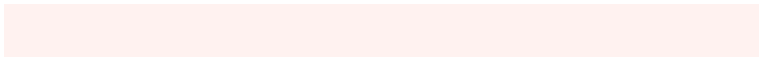
94.9671, 0.3071, 0.3440



94.9671, 0.2915, 0.3263



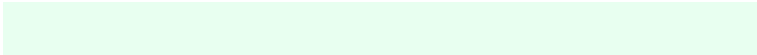
94.9671, 0.3180, 0.3147



94.9671, 0.3344, 0.3311

Sweetspot

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



94.9711, 0.3071, 0.3440



98.2607, 0.3108, 0.3338



97.1803, 0.3213, 0.3515



20.9347, 0.3103, 0.3351



0.0000, 0.0000, 0.0000



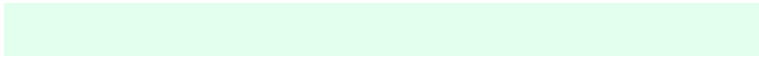
21.4041, 0.3127, 0.3290

Same Dimension

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



94.9711, 0.3071, 0.3440



93.9401, 0.3059, 0.3476



95.6539, 0.3009, 0.3328



20.2725, 0.3068, 0.3449



37.7703, 0.2855, 0.5478



3.6973, 0.2792, 0.5251

Inverse Universe

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



85.7128, 0.3188, 0.3145



82.7782, 0.3203, 0.3111



85.0453, 0.3260, 0.3253



18.1867, 0.3192, 0.3136



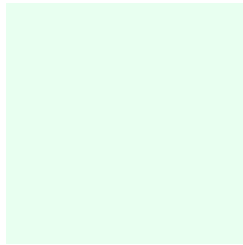
12.5824, 0.4334, 0.2161



1.2458, 0.4172, 0.2072

Previews

White Background



This preview shows how the Yxy color 94.9671, 0.3071, 0.3440 looks on a white background.

Color Contrast Check

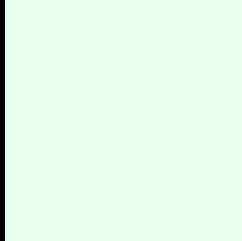
Large Text (above 18pt) WCAG AA × Fail

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 94.9671, 0.3071, 0.3440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

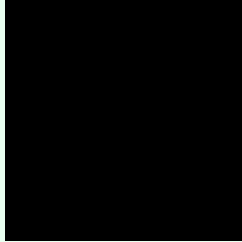
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

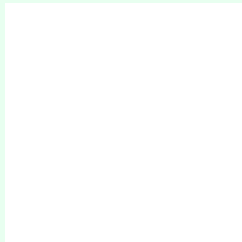
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.9671, 0.3071, 0.3440

Background



This preview shows how black text looks on a background with the Yxy color 94.9671, 0.3071, 0.3440.

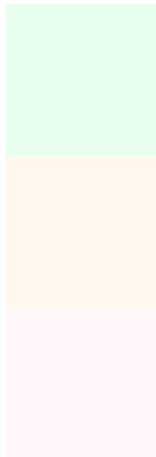


This preview shows how white text looks on a background with the Yxy color 94.9671, 0.3071, 0.3440.

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

94.9671, 0.3071, 0.3440

Protanopia

94.6268, 0.3226, 0.3377

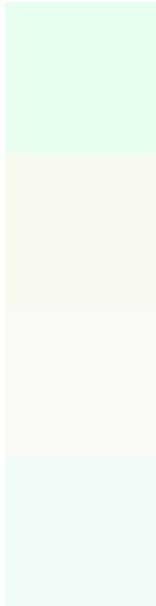
Deuteranopia

94.5588, 0.3172, 0.3281

Tritanopia

94.5642, 0.3073, 0.3232

Trichromacy



Original Color

94.9671, 0.3071, 0.3440

Protanomaly

95.0005, 0.3172, 0.3408

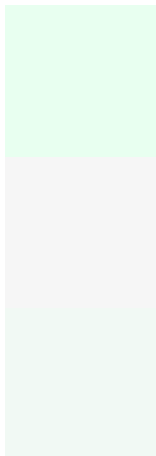
Deuteranomaly

94.7379, 0.3138, 0.3339

Tritanomaly

94.5973, 0.3071, 0.3300

Monochromacy



Original Color

94.9671, 0.3071, 0.3440

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.9838, 0.3106, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.9671, 0.3071, 0.3440 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(232, 255, 240)` looks like.

```
.text, #text, p{  
    color:rgb(232, 255, 240)  
}
```

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(232, 255, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 255, 240) }
```

Border

The CSS property to change the border of an element to Yxy 94.9671, 0.3071, 0.3440 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(232, 255, 240) }
```

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

```
.border{ border-color:rgb(232, 255, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 255, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 255, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 255, 240);  
box-shadow:4px 4px 4px 4px rgb(232, 255,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 94.9671, 0.3071, 0.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 255, 240) }
```

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

```
.background{ background-color: rgb(232,  
255, 240) }
```

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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