

Converting Colors

$Y_{xy}(140.7526, 0.3022, 0.3920)$

Have a look what the booklet for
Yxy(140.7526, 0.3022, 0.3920)
contains.

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Color

Yxy(95.3912, 0.3032, 0.3369)

Conversions

Conversions Part 1

Format	Color
Hex	E8FFF7
RGB	232, 255, 247
RGB Percent	91%, 100%, 97%
CMY	0.0899, 0.0001, 0.0313
CMYK	0.09, 0.00, 0.03, 0.00
HSL	159°, 100%, 96%
HSV	159°, 9%, 100%
XYZ	85.8492, 95.3912, 101.9035
YIQ	247.2110, -11.1400, -7.3640

Conversions

Conversions Part 2

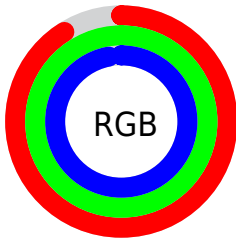
Format	Color
R _Y B	232, 246, 255
Decimal	15269879
CIE Lab	98.19, -8.88, 1.25
CIE LCh	98, 8.963, 172.002
Yxy	95.3912, 0.3032, 0.3369
Android (android.graphics.Color)	4293459959 (0xFFE8FFF7)
YUV	247.2110, -0.1040, -13.3400
Hunter-Lab	97.6684, -14.0206, 6.5070

Details

The Yxy color **95.3912, 0.3032, 0.3369** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **85.3087, 0.3233, 0.3212**, and the grayscale version is **93.2138, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.3799, 0.3007, 0.3379** is the 20% darker color. If you saturate the color by 10%, you get **90.8972, 0.2930, 0.3466**, and if you desaturate by 10%, it is **99.9889, 0.3127, 0.3290**.

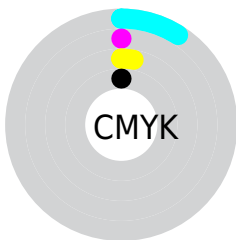
Distribution



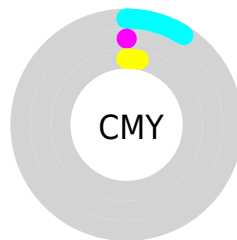
- Red (91%)
- Green (100%)
- Blue (97%)



- Red (91%)
- Yellow (96%)
- Blue (100%)



- Cyan (9%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)




- Cyan (9%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.3912, 0.3032, 0.3369 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 95.3912, 0.3032, 0.3369 by changing the saturation by 10% instead.


 95.3912, 0.3032,
0.3369

 95.3912, 0.3032,
0.3369


545.4166, 0.3074,
0.3334

 72.4606, 0.3023,
0.3377


154.8049, 0.3046,
0.3357

 53.5350, 0.3012,
0.3386


192.0569, 0.3052,
0.3352

 38.2301, 0.2998,
0.3397


234.8514, 0.3057,
0.3348

 26.1613, 0.2980,
0.3412

283.5729, 0.3061,
0.3345

 16.9443, 0.2957,
0.3431

338.6058, 0.3065,
0.3342

 10.1948, 0.2926,
0.3458

400.3345, 0.3068,

 5.5283, 0.2880,

0.3339

0.3497

469.1433, 0.3071,
0.3336

■ 2.5605, 0.2807,
0.3559

■ 0.9068, 0.2631,
0.3698

■ 95.3912, 0.3032,
0.3369

■ 95.3912, 0.3032,
0.3369

■ 90.8972, 0.2930,
0.3466

99.9889, 0.3127,
0.3290

■ 87.0174, 0.2834,
0.3573


■ 83.7269, 0.2747,
0.3689


■ 80.9948, 0.2674,
0.3812

 78.7867, 0.2616,
0.3942

 77.0648, 0.2577,
0.4076

 75.7857, 0.2558,
0.4212

 74.8982, 0.2559,
0.4347

 74.3271, 0.2579,
0.4480

Harmonies

Analogous

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



95.3912, 0.3128, 0.3436



95.3912, 0.3032, 0.3369



95.3912, 0.2962, 0.3280

Triad

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



95.3912, 0.3032, 0.3369



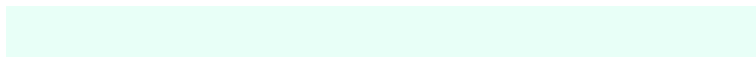
95.3912, 0.3029, 0.3122



95.3912, 0.3322, 0.3380

Complementary

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



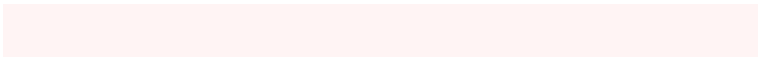
95.3912, 0.3032, 0.3369



85.3087, 0.3233, 0.3212

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.



95.3912, 0.3295, 0.3297



95.3912, 0.3032, 0.3369



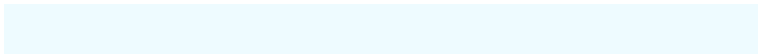
95.3912, 0.3124, 0.3150

Square

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



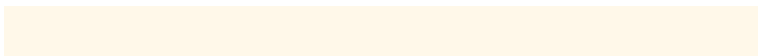
95.3912, 0.3032, 0.3369



95.3912, 0.2961, 0.3139



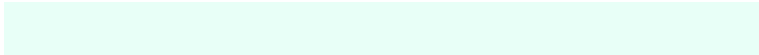
95.3912, 0.3222, 0.3213



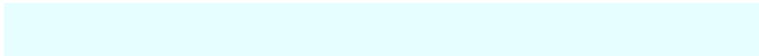
95.3912, 0.3296, 0.3441

Rectangle

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



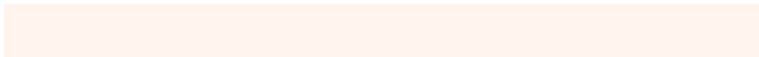
95.3912, 0.3032, 0.3369



95.3912, 0.2940, 0.3222



95.3912, 0.3222, 0.3213



95.3912, 0.3319, 0.3354

Sweetspot

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



95.3952, 0.3032, 0.3369



98.4079, 0.3095, 0.3316



95.8818, 0.3166, 0.3518



20.9744, 0.3087, 0.3323



0.0000, 0.0000, 0.0000



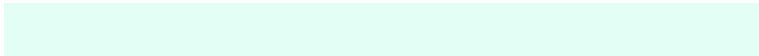
21.4041, 0.3127, 0.3290

Same Dimension

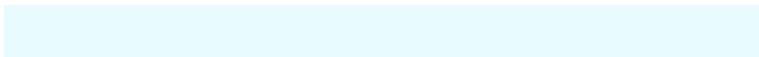
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.3952, 0.3032, 0.3369



94.4510, 0.3011, 0.3388



93.7250, 0.2988, 0.3256



20.3680, 0.3027, 0.3374



38.8466, 0.2575, 0.4471



3.8030, 0.2533, 0.4320

Inverse Universe

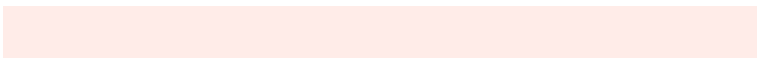
The Inverse Universe completely reimagines the original color for something new.



85.3087, 0.3233, 0.3212



82.2674, 0.3259, 0.3194



86.7999, 0.3281, 0.3324



18.0913, 0.3239, 0.3208



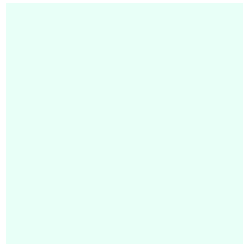
11.5073, 0.5593, 0.2855



1.1401, 0.5277, 0.2681

Previews

White Background



This preview shows how the Yxy color 95.3912, 0.3032, 0.3369 looks on a white background.

Color Contrast Check

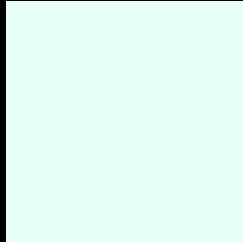
Large Text (above 18pt) WCAG AA × Fail

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 95.3912, 0.3032, 0.3369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

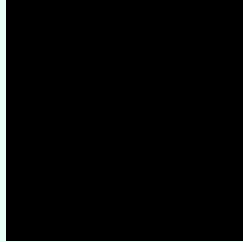
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

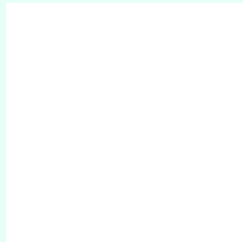
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.3912, 0.3032, 0.3369

Background



This preview shows how black text looks on a background with the Yxy color 95.3912, 0.3032, 0.3369.

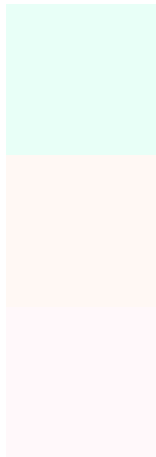


This preview shows how white text looks on a background with the Yxy color 95.3912, 0.3032, 0.3369.

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

95.3912, 0.3032, 0.3369

Protanopia

94.9265, 0.3196, 0.3329

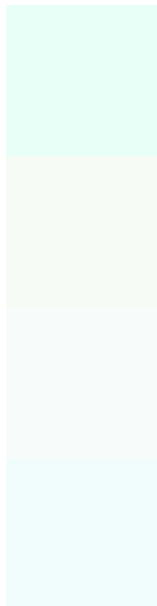
Deuteranopia

95.2969, 0.3160, 0.3271

Tritanopia

95.1840, 0.3073, 0.3241

Trichromacy



Original Color

95.3912, 0.3032, 0.3369

Protanomaly

95.3611, 0.3137, 0.3349

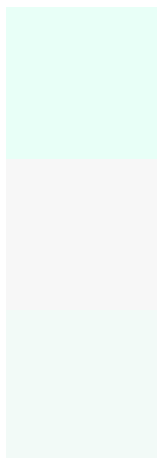
Deuteranomaly

95.6081, 0.3114, 0.3309

Tritanomaly

95.3499, 0.3059, 0.3290

Monochromacy



Original Color

95.3912, 0.3032, 0.3369

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.9639, 0.3094, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.3912, 0.3032, 0.3369 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, 247)` looks like.

```
.text, #text, p{  
    color:rgb(232, 255, 247)  
}
```

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, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 255, 247) }
```

Border

The CSS property to change the border of an element to Yxy 95.3912, 0.3032, 0.3369 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, 247) }
```

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

```
.border{ border-color:rgb(232, 255, 247) }
```

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, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 255, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 255, 247);  
box-shadow:4px 4px 4px 4px rgb(232, 255,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 95.3912, 0.3032, 0.3369 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, 247) }
```

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

```
.background{ background-color: rgb(232,  
255, 247) }
```

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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