

Converting Colors

$Yxy(97.1799, 0.3066, 0.3409)$

Have a look what the booklet for
Yxy(97.1799, 0.3066, 0.3409)
contains.

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Color

Yxy(95.9454, 0.3067, 0.3389)

Conversions

Conversions Part 1

Format	Color
Hex	ECFFF5
RGB	236, 255, 245
RGB Percent	93%, 100%, 96%
CMY	0.0746, 0.0000, 0.0392
CMYK	0.07, 0.00, 0.04, 0.00
HSL	148°, 100%, 96%
HSV	148°, 7%, 100%
XYZ	86.8293, 95.9454, 100.3336
YIQ	248.1790, -8.1140, -7.1380

Conversions

Conversions Part 2

Format	Color
R _Y B	236, 249, 255
Decimal	15532021
CIE Lab	98.41, -8.00, 2.64
CIE LCh	98, 8.419, 161.743
Yxy	95.9454, 0.3067, 0.3389
Android (android.graphics.Color)	4293722101 (0xFFE0FFF5)
YUV	248.1790, -1.5672, -10.6810
Hunter-Lab	97.9517, -13.1842, 7.8345

Details

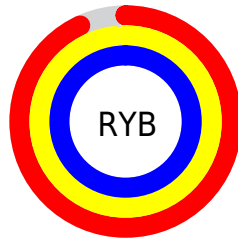
The Yxy color 95.9454, 0.3067, 0.3389 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.8929, 0.3192, 0.3193, and the grayscale version is 94.0367, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.7656, 0.3052, 0.3404 is the 20% darker color. If you saturate the color by 10%, you get 91.0965, 0.2988, 0.3536, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

Distribution



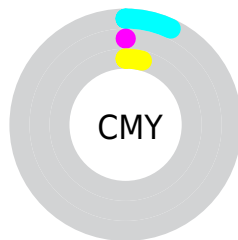
- Red (93%)
- Green (100%)
- Blue (96%)



- 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 95.9454, 0.3067, 0.3389 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 95.9454, 0.3067, 0.3389 by changing the saturation by 10% instead.


 95.9454, 0.3067,
0.3389

 95.9454, 0.3067,
0.3389


547.1872, 0.3094,
0.3345

 72.9221, 0.3061,
0.3399


155.5701, 0.3076,
0.3374

 53.9123, 0.3054,
0.3410


192.9402, 0.3080,
0.3368

 38.5315, 0.3045,
0.3425


235.8614, 0.3083,
0.3363

 26.3955, 0.3034,
0.3443

284.7181, 0.3085,
0.3359

 17.1197, 0.3019,
0.3468

339.8946, 0.3088,
0.3355

 10.3199, 0.2999,
0.3501

401.7753, 0.3090,

 5.6116, 0.2969,

0.3351

0.3551

470.7447, 0.3092,
0.3348

■ 2.6104, 0.2922,
0.3630

■ 0.9319, 0.2814,
0.3802

■ 95.9454, 0.3067,
0.3389

■ 95.9454, 0.3067,
0.3389

■ 91.0965, 0.2988,
0.3536

100.0000, 0.3127,
0.3290

■ 86.9050, 0.2913,
0.3698

■ 83.3390, 0.2844,
0.3876

■ 80.3667, 0.2786,
0.4068

■ 77.9534, 0.2741,
0.4271

■ 76.0608, 0.2714,
0.4479

■ 74.6455, 0.2705,
0.4688

■ 73.6565, 0.2717,
0.4890

■ 73.0277, 0.2748,
0.5080

Harmonies

Analogous

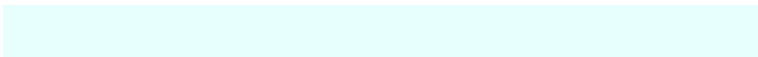
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.9454, 0.3160, 0.3441



95.9454, 0.3067, 0.3389



95.9454, 0.2991, 0.3310

Triad

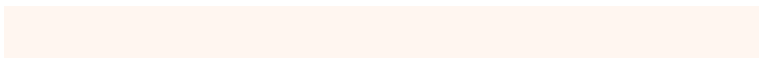
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.9454, 0.3067, 0.3389



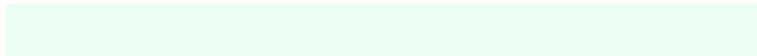
95.9454, 0.3009, 0.3133



95.9454, 0.3306, 0.3349

Complementary

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



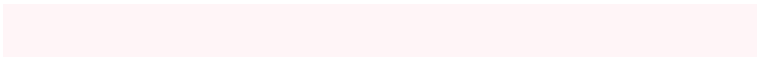
95.9454, 0.3067, 0.3389



87.8929, 0.3192, 0.3193

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.



95.9454, 0.3265, 0.3268



95.9454, 0.3067, 0.3389



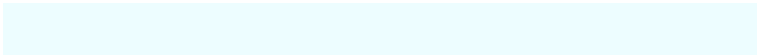
95.9454, 0.3093, 0.3145

Square

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



95.9454, 0.3067, 0.3389



95.9454, 0.2958, 0.3163



95.9454, 0.3186, 0.3194



95.9454, 0.3299, 0.3416

Rectangle

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



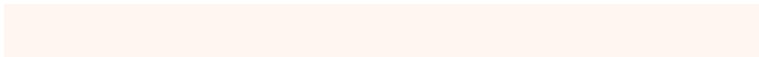
95.9454, 0.3067, 0.3389



95.9454, 0.2960, 0.3254



95.9454, 0.3186, 0.3194



95.9454, 0.3298, 0.3323

Sweetspot

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



95.9428, 0.3067, 0.3389



98.8741, 0.3111, 0.3316



97.1905, 0.3182, 0.3477



21.1749, 0.3112, 0.3314



0.0000, 0.0000, 0.0000



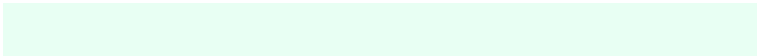
21.4041, 0.3127, 0.3290

Same Dimension

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



95.9428, 0.3067, 0.3389



95.1517, 0.3055, 0.3410



96.5290, 0.3015, 0.3296



20.3117, 0.3051, 0.3418



38.1220, 0.2749, 0.5096



3.7337, 0.2689, 0.4882

Inverse Universe

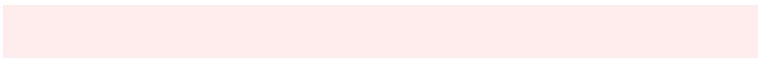
The Inverse Universe completely reimagines the original color for something new.



87.8929, 0.3192, 0.3193



85.5396, 0.3207, 0.3173



87.3326, 0.3251, 0.3284



18.1466, 0.3211, 0.3166



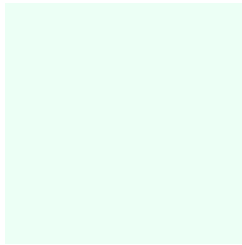
12.0384, 0.4856, 0.2449



1.1942, 0.4617, 0.2317

Previews

White Background



This preview shows how the Yxy color 95.9454, 0.3067, 0.3389 looks on a white background.

Color Contrast Check

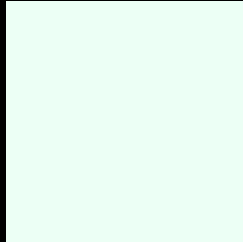
Large Text (above 18pt) WCAG AA × Fail

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 95.9454, 0.3067, 0.3389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

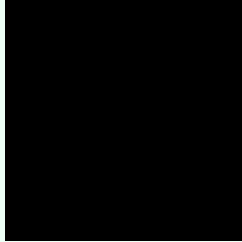
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

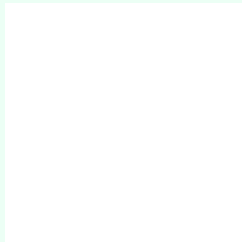
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.9454, 0.3067, 0.3389

Background



This preview shows how black text looks on a background with the Yxy color 95.9454, 0.3067, 0.3389.

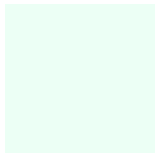


This preview shows how white text looks on a background with the Yxy color 95.9454, 0.3067, 0.3389.

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

95.9454, 0.3067, 0.3389



Protanopia

95.5430, 0.3195, 0.3338

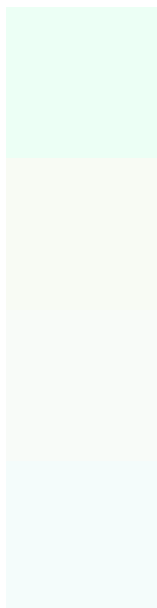
Deuteranopia

95.9135, 0.3159, 0.3281

Tritanopia

95.5477, 0.3086, 0.3242

Trichromacy



Original Color

95.9454, 0.3067, 0.3389

Protanomaly

95.4825, 0.3149, 0.3358

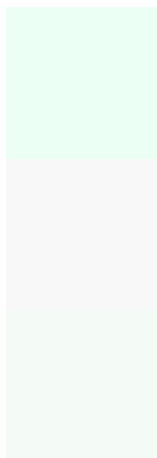
Deuteranomaly

95.7281, 0.3126, 0.3319

Tritanomaly

95.8189, 0.3083, 0.3300

Monochromacy



Original Color

95.9454, 0.3067, 0.3389

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 95.9454, 0.3067, 0.3389 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(236, 255, 245)` looks like.

```
.text, #text, p{  
    color:rgb(236, 255, 245)  
}
```

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(236, 255, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 255, 245) }
```

Border

The CSS property to change the border of an element to Yxy 95.9454, 0.3067, 0.3389 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(236, 255, 245) }
```

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

```
.border{ border-color:rgb(236, 255, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 255, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 255, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 255, 245);  
box-shadow:4px 4px 4px 4px rgb(236, 255,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 95.9454, 0.3067, 0.3389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 255, 245) }
```

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

```
.background{ background-color: rgb(236,  
255, 245) }
```

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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