

Converting Colors

$Y_{xy}(100.0000, 0.3101, 0.3495)$

Have a look what the booklet for
Yxy(100.0000, 0.3101, 0.3495)
contains.

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Color

Yxy(95.9884, 0.3108, 0.3439)

Conversions

Conversions Part 1

Format	Color
Hex	EEFFF0
RGB	238, 255, 240
RGB Percent	93%, 100%, 94%
CMY	0.0666, 0.0000, 0.0589
CMYK	0.07, 0.00, 0.06, 0.00
HSL	127°, 100%, 97%
HSV	127°, 7%, 100%
XYZ	86.7496, 95.9884, 96.3792
YIQ	248.2070, -5.3170, -8.2690

Conversions

Conversions Part 2

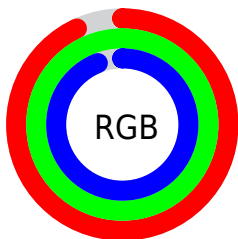
Format	Color
R _Y B	238, 253, 255
Decimal	15663088
CIE Lab	98.43, -8.22, 5.26
CIE LCh	98, 9.756, 147.385
Yxy	95.9884, 0.3108, 0.3439
Android (android.graphics.Color)	4293853168 (0xFFEEFF0)
YUV	248.2070, -4.0461, -8.9515
Hunter-Lab	97.9737, -13.4032, 10.2565

Details

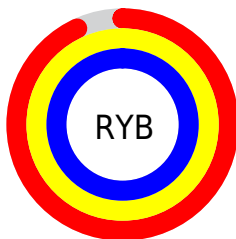
The Yxy color 95.9884, 0.3108, 0.3439 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.5127, 0.3147, 0.3145, and the grayscale version is 94.0864, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.7939, 0.3103, 0.3468 is the 20% darker color. If you saturate the color by 10%, you get 90.6265, 0.3078, 0.3688, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

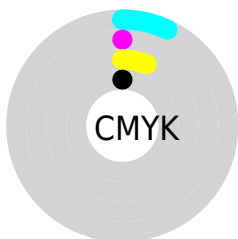
Distribution



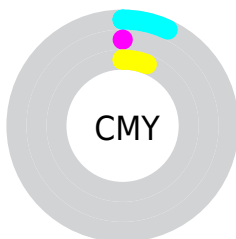
- Red (93%)
- Green (100%)
- Blue (94%)



- Red (93%)
- Yellow (99%)
- Blue (100%)



- Cyan (7%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)




- Cyan (7%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.9884, 0.3108, 0.3439 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 95.9884, 0.3108, 0.3439 by changing the saturation by 10% instead.


 95.9884, 0.3108,
0.3439

 95.9884, 0.3108,
0.3439


547.3244, 0.3117,
0.3373

 72.9579, 0.3106,
0.3454


155.6294, 0.3111,
0.3416

 53.9415, 0.3104,
0.3471


193.0087, 0.3112,
0.3408

 38.5549, 0.3100,
0.3493

235.9397, 0.3113,
0.3400

 26.4137, 0.3096,
0.3522

284.8069, 0.3114,
0.3393

 17.1334, 0.3091,
0.3559

339.9945, 0.3115,
0.3387

 10.3296, 0.3083,
0.3610

401.8870, 0.3116,

 5.6180, 0.3072,

0.3382

0.3686

470.8689, 0.3116,
0.3377

■ 2.6143, 0.3051,
0.3809

■ 0.9338, 0.3025,
0.4117

■ 95.9884, 0.3108,
0.3439

■ 95.9884, 0.3108,
0.3439

■ 90.6265, 0.3078,
0.3688

100.0000, 0.3127,
0.3290

■ 86.0220, 0.3049,
0.3968

■ 82.1426, 0.3020,
0.4274

■ 78.9511, 0.2995,
0.4599

■ 76.4070, 0.2974,
0.4930

■ 74.4659, 0.2962,
0.5246

■ 73.0772, 0.2958,
0.5525

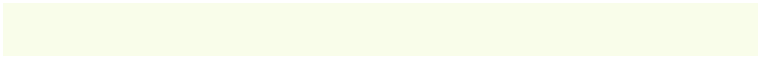
■ 72.1825, 0.2964,
0.5747

■ 71.7089, 0.2977,
0.5897

Harmonies

Analogous

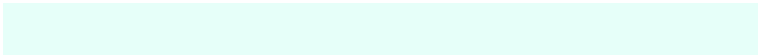
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.9884, 0.3215, 0.3477



95.9884, 0.3108, 0.3439



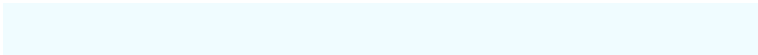
95.9884, 0.3007, 0.3359

Triad

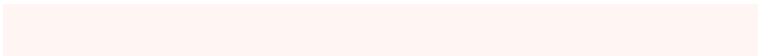
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.9884, 0.3108, 0.3439



95.9884, 0.2956, 0.3119



95.9884, 0.3319, 0.3314

Complementary

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



95.9884, 0.3108, 0.3439



89.5127, 0.3147, 0.3145

Split Complementary

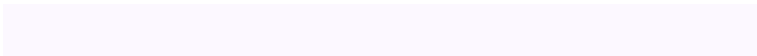
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.9884, 0.3247, 0.3221



95.9884, 0.3108, 0.3439



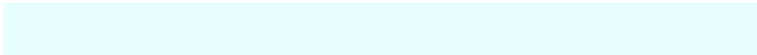
95.9884, 0.3038, 0.3110

Square

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



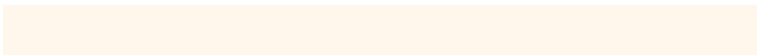
95.9884, 0.3108, 0.3439



95.9884, 0.2921, 0.3174



95.9884, 0.3144, 0.3148



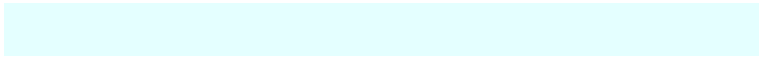
95.9884, 0.3338, 0.3402

Rectangle

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



95.9884, 0.3108, 0.3439



95.9884, 0.2957, 0.3294



95.9884, 0.3144, 0.3148



95.9884, 0.3300, 0.3282

Sweetspot

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



95.9903, 0.3108, 0.3439



98.7585, 0.3121, 0.3333



98.6333, 0.3215, 0.3454



21.1514, 0.3122, 0.3331



0.0000, 0.0000, 0.0000



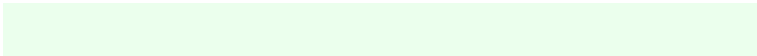
21.4041, 0.3127, 0.3290

Same Dimension

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



95.9903, 0.3108, 0.3439



95.2264, 0.3104, 0.3471



96.4902, 0.3061, 0.3357



20.2024, 0.3100, 0.3507



37.4292, 0.2977, 0.5917



3.6548, 0.2936, 0.5770

Inverse Universe

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



89.5127, 0.3147, 0.3145



87.5166, 0.3151, 0.3116



88.9997, 0.3198, 0.3224



18.2620, 0.3156, 0.3082



13.9772, 0.3525, 0.1716



1.3708, 0.3484, 0.1693

Previews

White Background



This preview shows how the Yxy color 95.9884, 0.3108, 0.3439 looks on a white background.

Color Contrast Check

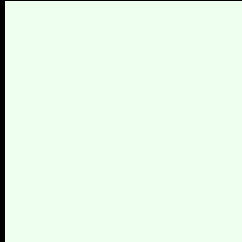
Large Text (above 18pt) WCAG AA × Fail

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 95.9884, 0.3108, 0.3439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

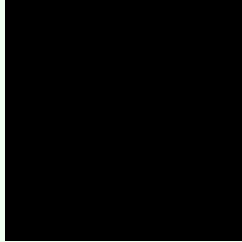
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

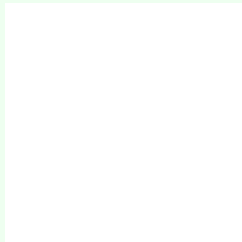
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.9884, 0.3108, 0.3439

Background



This preview shows how black text looks on a background with the Yxy color 95.9884, 0.3108, 0.3439.

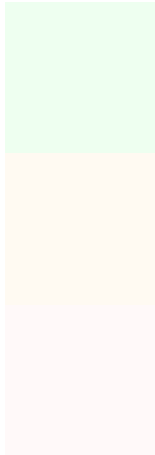


This preview shows how white text looks on a background with the Yxy color 95.9884, 0.3108, 0.3439.

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

95.9884, 0.3108, 0.3439

Protanopia

96.0420, 0.3206, 0.3367

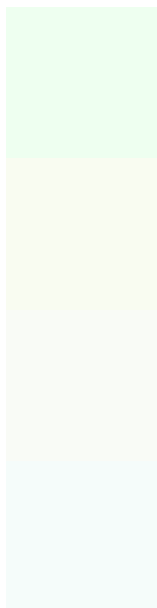
Deuteranopia

95.8509, 0.3165, 0.3290

Tritanopia

95.7310, 0.3092, 0.3242

Trichromacy



Original Color

95.9884, 0.3108, 0.3439

Protanomaly

96.1114, 0.3173, 0.3397

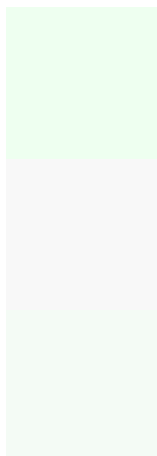
Deuteranomaly

95.7879, 0.3144, 0.3339

Tritanomaly

95.9354, 0.3095, 0.3309

Monochromacy



Original Color

95.9884, 0.3108, 0.3439

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.8200, 0.3118, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.9884, 0.3108, 0.3439 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(238, 255, 240)` looks like.

```
.text, #text, p{  
    color:rgb(238, 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(238, 255, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 255, 240) }
```

Border

The CSS property to change the border of an element to Yxy 95.9884, 0.3108, 0.3439 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(238, 255, 240) }
```

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

```
.border{ border-color:rgb(238, 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(238, 255, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 255, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 255, 240);  
box-shadow:4px 4px 4px 4px rgb(238, 255,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 95.9884, 0.3108, 0.3439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 255, 240) }
```

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

```
.background{ background-color: rgb(238,  
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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