

Converting Colors

$Yxy(89.2848, 0.3055, 0.3431)$

Have a look what the booklet for
Yxy(89.2848, 0.3055, 0.3431)
contains.

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Color

Yxy(88.9803, 0.3052, 0.3424)

Conversions

Conversions Part 1

Format	Color
Hex	E0F8EB
RGB	224, 248, 235
RGB Percent	88%, 97%, 92%
CMY	0.1214, 0.0275, 0.0785
CMYK	0.10, 0.00, 0.05, 0.03
HSL	147°, 63%, 93%
HSV	147°, 10%, 97%
XYZ	79.3130, 88.9803, 91.5790
YIQ	239.3420, -10.1310, -9.1310

Conversions

Conversions Part 2

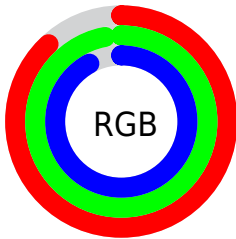
Format	Color
RYB	224, 240, 248
Decimal	14743787
CIELab	95.57, -10.18, 3.58
CIELCh	96, 10.794, 160.645
Yxy	88.9803, 0.3052, 0.3424
Android (android.graphics.Color)	4292933867 (0xFFE0F8EB)
YUV	239.3420, -2.1406, -13.4549
Hunter-Lab	94.3294, -14.9919, 8.4693

Details

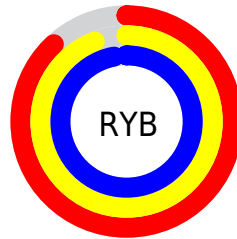
The Yxy color **88.9803, 0.3052, 0.3424** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.4130, 0.3210, 0.3160**, and the grayscale version is **86.6276, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.3890, 0.3039, 0.3463** is the 20% darker color. If you saturate the color by 10%, you get **84.5555, 0.2976, 0.3579**, and if you desaturate by 10%, it is **94.0496, 0.3130, 0.3285**.

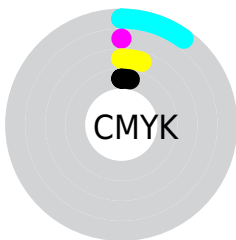
Distribution



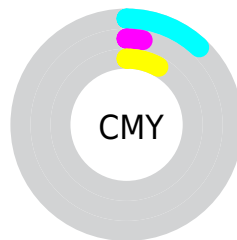
- Red (88%)
- Green (97%)
- Blue (92%)



- Red (88%)
- Yellow (94%)
- Blue (97%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (3%)




- Cyan (12%)
- Magenta (3%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.9803, 0.3052, 0.3424 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 88.9803, 0.3052, 0.3424 by changing the saturation by 10% instead.


 88.9803, 0.3052,
0.3424

 88.9803, 0.3052,
0.3424

524.7082, 0.3086,
0.3364

 67.1352, 0.3044,
0.3437


145.9212, 0.3064,
0.3403

 49.1945, 0.3035,
0.3454

181.7858, 0.3068,
0.3395

 34.7738, 0.3024,
0.3475

223.0923, 0.3072,
0.3388

 23.4887, 0.3009,
0.3501

270.2252, 0.3076,
0.3382

 14.9548, 0.2989,
0.3537

323.5688, 0.3079,
0.3377

 8.7876, 0.2961,
0.3586

383.5076, 0.3081,

 4.6029, 0.2920,

0.3372

0.3661

450.4259, 0.3084,
0.3367

■ 2.0162, 0.2850,
0.3787

■ 0.6169, 0.2454,
0.4483

■ 88.9803, 0.3052,
0.3424

■ 88.9803, 0.3052,
0.3424

■ 84.5555, 0.2976,
0.3579

■ 94.0496, 0.3130,
0.3285

■ 80.7377, 0.2904,
0.3751

■ 95.6111, 0.3130,
0.3223

■ 77.5026, 0.2840,
0.3939

■ 74.8198, 0.2786,
0.4140

■ 72.6561, 0.2746,
0.4351

■ 70.9748, 0.2724,
0.4567

■ 69.7337, 0.2721,
0.4781

■ 68.8832, 0.2738,
0.4986

■ 68.3448, 0.2772,
0.5176

Harmonies

Analogous

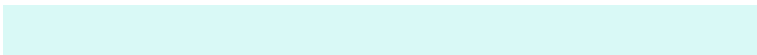
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.9803, 0.3174, 0.3490



88.9803, 0.3052, 0.3424



88.9803, 0.2951, 0.3320

Triad

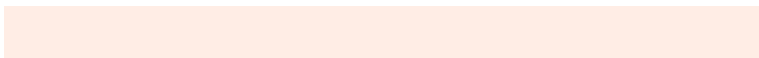
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.9803, 0.3052, 0.3424



88.9803, 0.2969, 0.3085



88.9803, 0.3362, 0.3363

Complementary

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



88.9803, 0.3052, 0.3424



79.4130, 0.3210, 0.3160

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.



88.9803, 0.3305, 0.3257



88.9803, 0.3052, 0.3424



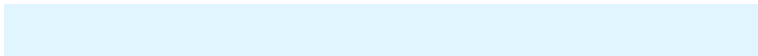
88.9803, 0.3077, 0.3099

Square

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



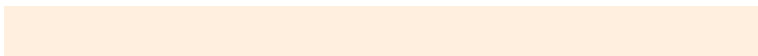
88.9803, 0.3052, 0.3424



88.9803, 0.2904, 0.3125



88.9803, 0.3200, 0.3162



88.9803, 0.3355, 0.3452

Rectangle

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



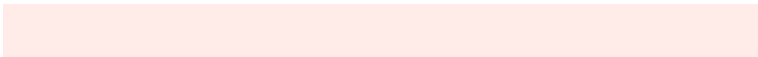
88.9803, 0.3052, 0.3424



88.9803, 0.2909, 0.3245



88.9803, 0.3200, 0.3162



88.9803, 0.3350, 0.3328

Sweetspot

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



88.9841, 0.3052, 0.3424



98.3130, 0.3104, 0.3330



90.5582, 0.3200, 0.3533



20.9488, 0.3097, 0.3341



0.0000, 0.0000, 0.0000



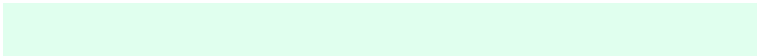
21.4041, 0.3127, 0.3290

Same Dimension

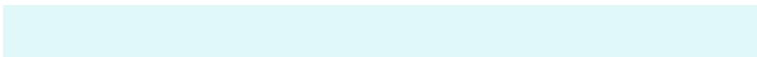
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.9841, 0.3052, 0.3424



93.6263, 0.3034, 0.3459



89.6897, 0.2985, 0.3302



19.4411, 0.3053, 0.3422



36.9408, 0.2765, 0.5153



3.4425, 0.2701, 0.4924

Inverse Universe

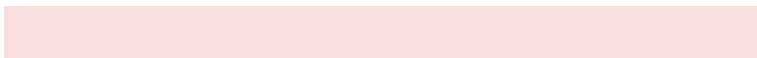
The Inverse Universe completely reimagines the original color for something new.



79.4130, 0.3210, 0.3160



81.1391, 0.3232, 0.3127



78.7449, 0.3289, 0.3278



17.3830, 0.3208, 0.3162



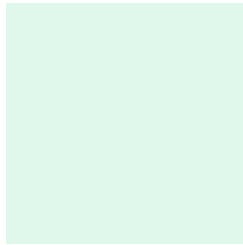
11.7505, 0.4779, 0.2406



1.1097, 0.4539, 0.2274

Previews

White Background



This preview shows how the Yxy color 88.9803, 0.3052, 0.3424 looks on a white background.

Color Contrast Check

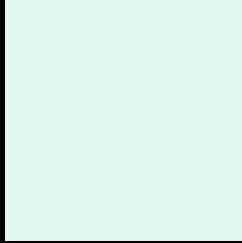
Large Text (above 18pt) WCAG AA × Fail

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 88.9803, 0.3052, 0.3424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

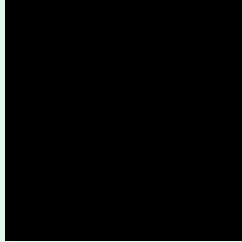
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

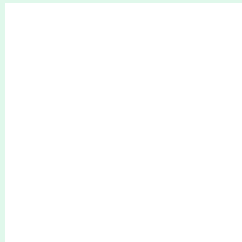
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.9803, 0.3052, 0.3424

Background



This preview shows how black text looks on a background with the Yxy color 88.9803, 0.3052, 0.3424.

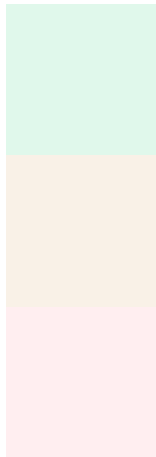


This preview shows how white text looks on a background with the Yxy color 88.9803, 0.3052, 0.3424.

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

88.9803, 0.3052, 0.3424

Protanopia

88.8199, 0.3242, 0.3390

Deuteranopia

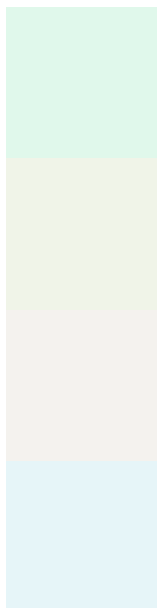
88.7003, 0.3228, 0.3271



Tritanopia

88.8136, 0.2999, 0.3170

Trichromacy



Original Color

88.9803, 0.3052, 0.3424

Protanomaly

89.0528, 0.3174, 0.3411

Deuteranomaly

88.9104, 0.3165, 0.3330

Tritanomaly

88.9051, 0.3015, 0.3259

Monochromacy



Original Color

88.9803, 0.3052, 0.3424

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

87.1697, 0.3099, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.9803, 0.3052, 0.3424 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(224, 248, 235)` looks like.

```
.text, #text, p{  
    color:rgb(224, 248, 235)  
}
```

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(224, 248, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 248, 235) }
```

Border

The CSS property to change the border of an element to Yxy 88.9803, 0.3052, 0.3424 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(224, 248, 235) }
```

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

```
.border{ border-color:rgb(224, 248, 235) }
```

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

Here you see how a box with a 4 pixel rgb(224, 248, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 248, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 248, 235);  
box-shadow:4px 4px 4px 4px rgb(224, 248,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 88.9803, 0.3052, 0.3424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 248, 235) }
```

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

```
.background{ background-color: rgb(224,  
248, 235) }
```

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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