

Converting Colors

$Yxy(88.7577, 0.3008, 0.3409)$

Have a look what the booklet for
Yxy(88.7577, 0.3008, 0.3409)
contains.

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Color

Yxy(88.9259, 0.3009, 0.3414)

Conversions

Conversions Part 1

Format	Color
Hex	DBF9ED
RGB	219, 249, 237
RGB Percent	86%, 98%, 93%
CMY	0.1412, 0.0235, 0.0705
CMYK	0.12, 0.00, 0.05, 0.02
HSL	156°, 71%, 92%
HSV	156°, 12%, 98%
XYZ	78.3767, 88.9259, 93.1716
YIQ	238.6620, -14.0280, -10.0920

Conversions

Conversions Part 2

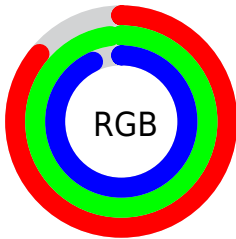
Format	Color
R _Y B	219, 238, 249
Decimal	14416365
CIE Lab	95.55, -11.95, 2.45
CIE LCh	96, 12.195, 168.409
Yxy	88.9259, 0.3009, 0.3414
Android (android.graphics.Color)	4292606445 (0xFFDBF9ED)
YUV	238.6620, -0.8194, -17.2436
Hunter-Lab	94.3005, -16.6679, 7.4301

Details

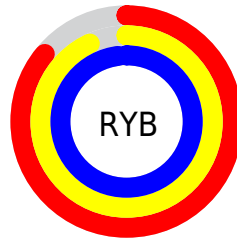
The Yxy color **88.9259, 0.3009, 0.3414** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.5702, 0.3262, 0.3169**, and the grayscale version is **86.0576, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.3686, 0.2986, 0.3450** is the 20% darker color. If you saturate the color by 10%, you get **84.7870, 0.2915, 0.3530**, and if you desaturate by 10%, it is **93.6822, 0.3107, 0.3310**.

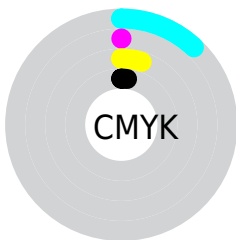
Distribution



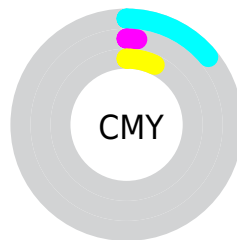
- Red (86%)
- Green (98%)
- Blue (93%)



- Red (86%)
- Yellow (93%)
- Blue (98%)



- Cyan (12%)
- Magenta (0%)
- Yellow (5%)
- Black (2%)





- Cyan (14%)
- Magenta (2%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.9259, 0.3009, 0.3414 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 88.9259, 0.3009, 0.3414 by changing the saturation by 10% instead.


 88.9259, 0.3009,
0.3414

 88.9259, 0.3009,
0.3414

524.5306, 0.3062,
0.3358

 67.0901, 0.2997,
0.3426


145.8455, 0.3027,
0.3395

 49.1579, 0.2983,
0.3442


181.6982, 0.3034,
0.3387

 34.7447, 0.2965,
0.3461


222.9919, 0.3040,
0.3381

 23.4663, 0.2942,
0.3485

270.1111, 0.3046,
0.3375

 14.9382, 0.2912,
0.3518

323.4402, 0.3051,
0.3370

 8.7760, 0.2869,
0.3563

383.3635, 0.3055,

 4.5954, 0.2806,

0.3366

0.3632

450.2656, 0.3059,
0.3362

■ 2.0119, 0.2702,
0.3746

■ 0.6144, 0.2081,
0.4375

■ 88.9259, 0.3009,
0.3414

■ 88.9259, 0.3009,
0.3414

■ 84.7870, 0.2915,
0.3530

■ 93.6822, 0.3107,
0.3310

■ 81.2281, 0.2828,
0.3656

■ 96.2342, 0.3130,
0.3233

■ 78.2250, 0.2750,
0.3793

■ 75.7473, 0.2686,
0.3940

■ 73.7617, 0.2638,
0.4093

■ 72.2307, 0.2609,
0.4249

■ 71.1114, 0.2601,
0.4407

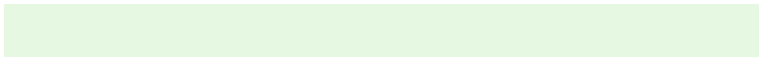
■ 70.3521, 0.2613,
0.4562

■ 69.9431, 0.2634,
0.4682

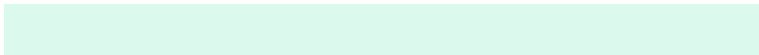
Harmonies

Analogous

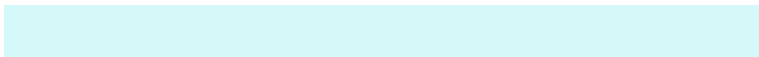
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.9259, 0.3144, 0.3503



88.9259, 0.3009, 0.3414



88.9259, 0.2907, 0.3291

Triad

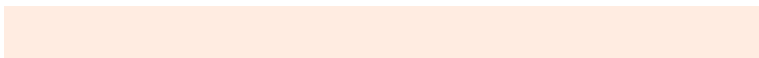
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.9259, 0.3009, 0.3414



88.9259, 0.2976, 0.3057



88.9259, 0.3398, 0.3401

Complementary

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



88.9259, 0.3009, 0.3414



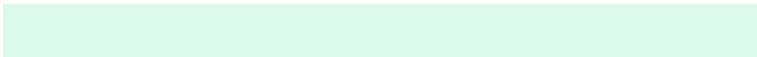
76.5702, 0.3262, 0.3169

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.



88.9259, 0.3352, 0.3284



88.9259, 0.3009, 0.3414



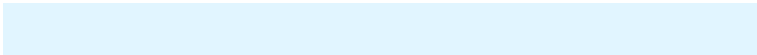
88.9259, 0.3106, 0.3089

Square

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



88.9259, 0.3009, 0.3414



88.9259, 0.2888, 0.3086



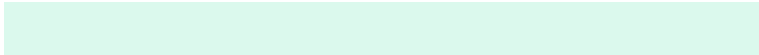
88.9259, 0.3244, 0.3171



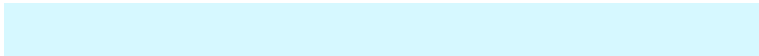
88.9259, 0.3370, 0.3492

Rectangle

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



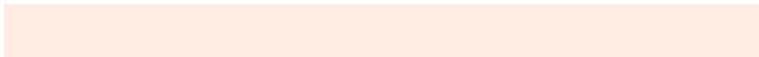
88.9259, 0.3009, 0.3414



88.9259, 0.2871, 0.3208



88.9259, 0.3244, 0.3171



88.9259, 0.3391, 0.3363

Sweetspot

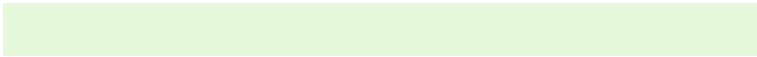
The Sweet Spot groups the original color and five complimentary colors.



88.9296, 0.3009, 0.3414



97.8570, 0.3088, 0.3329



89.8574, 0.3189, 0.3599



20.8617, 0.3080, 0.3337



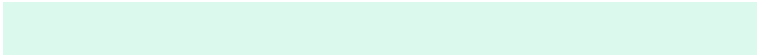
0.0000, 0.0000, 0.0000



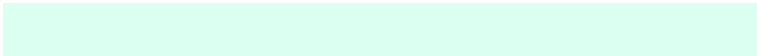
21.4041, 0.3127, 0.3290

Same Dimension

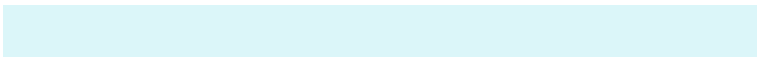
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.9296, 0.3009, 0.3414



92.9624, 0.2990, 0.3436



87.8133, 0.2942, 0.3259



19.4844, 0.3034, 0.3386



37.4667, 0.2627, 0.4657



3.4910, 0.2577, 0.4476

Inverse Universe

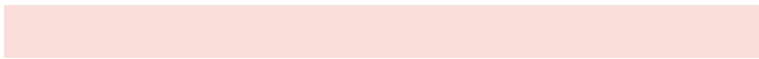
The Inverse Universe completely reimagines the original color for something new.



76.5702, 0.3262, 0.3169



77.9945, 0.3288, 0.3149



77.4962, 0.3342, 0.3321



17.3400, 0.3231, 0.3196



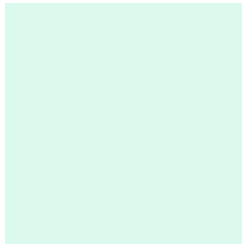
11.2931, 0.5385, 0.2740



1.0662, 0.5069, 0.2566

Previews

White Background



This preview shows how the Yxy color 88.9259, 0.3009, 0.3414 looks on a white background.

Color Contrast Check

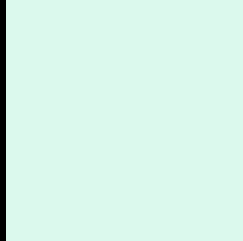
Large Text (above 18pt) WCAG AA × Fail

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 88.9259, 0.3009, 0.3414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

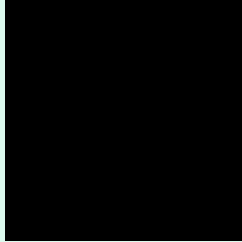
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

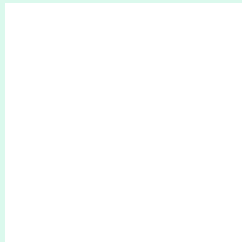
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.9259, 0.3009, 0.3414

Background



This preview shows how black text looks on a background with the Yxy color 88.9259, 0.3009, 0.3414.



This preview shows how white text looks on a background with the Yxy color 88.9259, 0.3009, 0.3414.

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

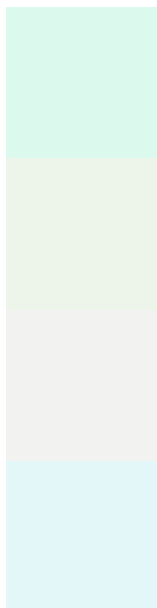




Tritanopia

89.0772, 0.2987, 0.3180

Trichromacy



Original Color

88.9259, 0.3009, 0.3414

Protanomaly

88.6464, 0.3142, 0.3391

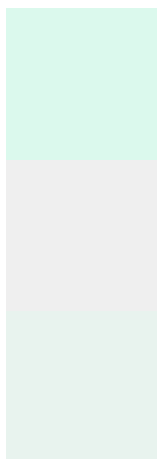
Deuteranomaly

88.6728, 0.3139, 0.3310

Tritanomaly

89.0197, 0.2996, 0.3269

Monochromacy



Original Color

88.9259, 0.3009, 0.3414

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

87.4300, 0.3086, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.9259, 0.3009, 0.3414 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(219, 249, 237)` looks like.

```
.text, #text, p{  
    color:rgb(219, 249, 237)  
}
```

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(219, 249, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 249, 237) }
```

Border

The CSS property to change the border of an element to Yxy 88.9259, 0.3009, 0.3414 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(219, 249, 237) }
```

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

```
.border{ border-color:rgb(219, 249, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 249, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 249, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 249, 237);  
box-shadow:4px 4px 4px 4px rgb(219, 249,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 88.9259, 0.3009, 0.3414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 249, 237) }
```

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

```
.background{ background-color: rgb(219,  
249, 237) }
```

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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