

Converting Colors

$Yxy(87.9178, 0.2975, 0.3408)$

Have a look what the booklet for
Yxy(87.9178, 0.2975, 0.3408)
contains.

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Color

Yxy(88.1619, 0.2979, 0.3415)

Conversions

Conversions Part 1

Format	Color
Hex	D6F9ED
RGB	214, 249, 237
RGB Percent	84%, 98%, 93%
CMY	0.1606, 0.0236, 0.0705
CMYK	0.14, 0.00, 0.05, 0.02
HSL	159°, 74%, 91%
HSV	159°, 14%, 98%
XYZ	76.9061, 88.1619, 93.0928
YIQ	237.1670, -17.0080, -11.1520

Conversions

Conversions Part 2

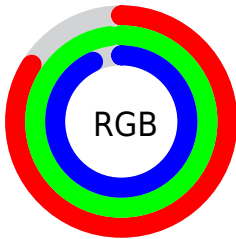
Format	Color
RYB	214, 235, 249
Decimal	14088685
CIELab	95.23, -13.52, 1.95
CIElCh	95, 13.656, 171.785
Yxy	88.1619, 0.2979, 0.3415
Android (android.graphics.Color)	4292278765 (0xFFD6F9ED)
YUV	237.1670, -0.0823, -20.3175
Hunter-Lab	93.8946, -18.1118, 6.9425

Details

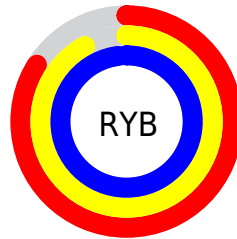
The Yxy color **88.1619, 0.2979, 0.3415** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.7520, 0.3302, 0.3168**, and the grayscale version is **84.8435, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.8471, 0.2948, 0.3452** is the 20% darker color. If you saturate the color by 10%, you get **84.2127, 0.2879, 0.3516**, and if you desaturate by 10%, it is **92.7150, 0.3084, 0.3324**.

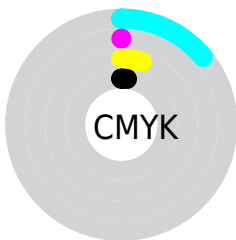
Distribution



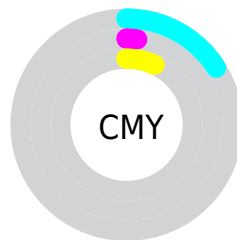
- Red (84%)
- Green (98%)
- Blue (93%)



- Red (84%)
- Yellow (92%)
- Blue (98%)



- Cyan (14%)
- Magenta (0%)
- Yellow (5%)
- Black (2%)



- Cyan (16%)
- Magenta (2%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.1619, 0.2979, 0.3415 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 88.1619, 0.2979, 0.3415 by changing the saturation by 10% instead.

88.1619, 0.2979,
0.3415

88.1619, 0.2979,
0.3415

522.0333, 0.3045,
0.3359

66.4572, 0.2964,
0.3428

144.7825, 0.3002,
0.3396

48.6436, 0.2946,
0.3443

180.4672, 0.3011,
0.3388

34.3369, 0.2924,
0.3462

221.5807, 0.3018,
0.3382

23.1525, 0.2895,
0.3487

268.5073, 0.3025,
0.3376

14.7062, 0.2857,
0.3519

321.6315, 0.3031,
0.3371

8.6134, 0.2804,
0.3566

381.3376, 0.3036,

4.4899, 0.2725,

0.3366

0.3635

448.0101, 0.3041,
0.3362

■ 1.9512, 0.2595,
0.3750

■ 0.5789, 0.1703,
0.4477

■ 88.1619, 0.2979,
0.3415

■ 88.1619, 0.2979,
0.3415

■ 84.2127, 0.2879,
0.3516

■ 92.7150, 0.3084,
0.3324

■ 80.8299, 0.2787,
0.3625

■ 96.1673, 0.3135,
0.3241

■ 77.9891, 0.2706,
0.3743

■ 96.2260, 0.3130,
0.3233

■ 75.6596, 0.2640,
0.3868

■ 73.8074, 0.2591,
0.3999

■ 72.3945, 0.2561,
0.4132

■ 71.3768, 0.2552,
0.4266

■ 70.7003, 0.2563,
0.4397

■ 70.4126, 0.2576,
0.4475

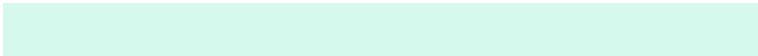
Harmonies

Analogous

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



88.1619, 0.3128, 0.3522



88.1619, 0.2979, 0.3415



88.1619, 0.2871, 0.3274

Triad

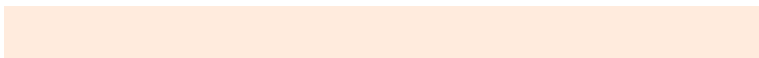
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.1619, 0.2979, 0.3415



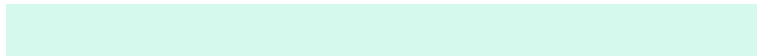
88.1619, 0.2972, 0.3030



88.1619, 0.3433, 0.3427

Complementary

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



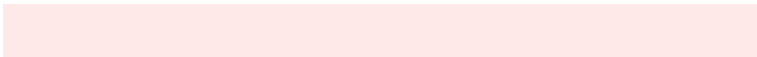
88.1619, 0.2979, 0.3415



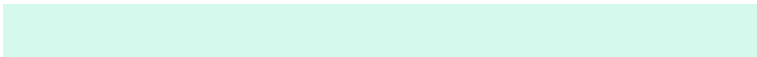
73.7520, 0.3302, 0.3168

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.



88.1619, 0.3389, 0.3297



88.1619, 0.2979, 0.3415



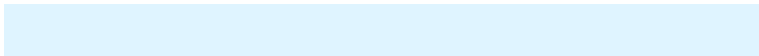
88.1619, 0.3121, 0.3072

Square

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



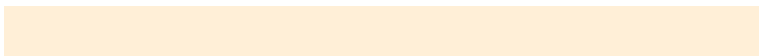
88.1619, 0.2979, 0.3415



88.1619, 0.2867, 0.3054



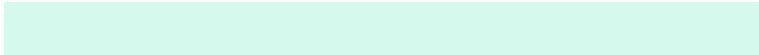
88.1619, 0.3274, 0.3169



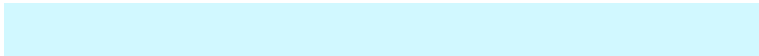
88.1619, 0.3392, 0.3525

Rectangle

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



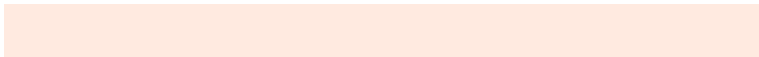
88.1619, 0.2979, 0.3415



88.1619, 0.2836, 0.3182



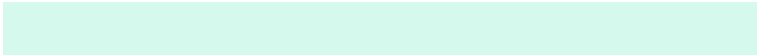
88.1619, 0.3274, 0.3169



88.1619, 0.3428, 0.3386

Sweetspot

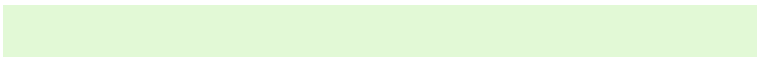
The Sweet Spot groups the original color and five complimentary colors.



88.1656, 0.2979, 0.3415



97.8933, 0.3084, 0.3324



88.8183, 0.3188, 0.3655



20.8709, 0.3076, 0.3330



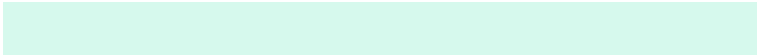
0.0000, 0.0000, 0.0000



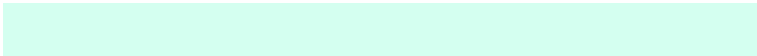
21.4041, 0.3127, 0.3290

Same Dimension

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



88.1656, 0.2979, 0.3415



91.7645, 0.2948, 0.3444



85.6950, 0.2911, 0.3235



19.5015, 0.3026, 0.3373



37.7215, 0.2571, 0.4454



3.5136, 0.2527, 0.4297

Inverse Universe

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



73.7520, 0.3302, 0.3168



73.6914, 0.3346, 0.3141



75.8134, 0.3380, 0.3344



17.3234, 0.3240, 0.3209



11.1587, 0.5608, 0.2863



1.0525, 0.5276, 0.2680

Previews

White Background



This preview shows how the Yxy color 88.1619, 0.2979, 0.3415 looks on a white background.

Color Contrast Check

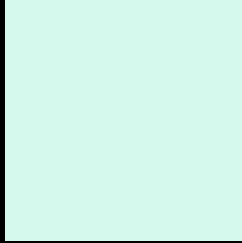
Large Text (above 18pt) WCAG AA × Fail

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 88.1619, 0.2979, 0.3415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

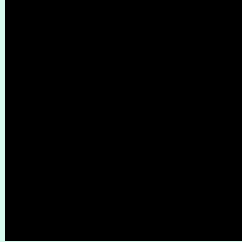
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

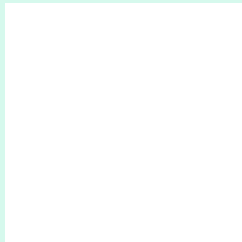
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.1619, 0.2979, 0.3415

Background



This preview shows how black text looks on a background with the Yxy color 88.1619, 0.2979, 0.3415.

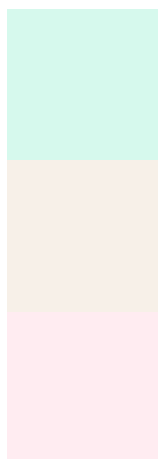


This preview shows how white text looks on a background with the Yxy color 88.1619, 0.2979, 0.3415.

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

88.1619, 0.2979, 0.3415

Protanopia

87.9205, 0.3223, 0.3370

Deuteranopia

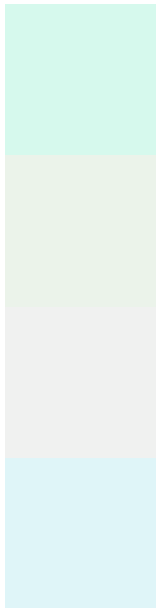
87.6018, 0.3223, 0.3241



Tritanopia

87.8152, 0.2962, 0.3169

Trichromacy



Original Color

88.1619, 0.2979, 0.3415

Protanomaly

87.7039, 0.3129, 0.3382

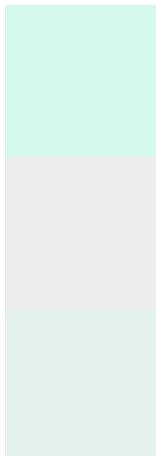
Deuteranomaly

87.7271, 0.3127, 0.3300

Tritanomaly

87.7701, 0.2971, 0.3259

Monochromacy



Original Color

88.1619, 0.2979, 0.3415

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

85.6830, 0.3073, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.1619, 0.2979, 0.3415 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(214, 249, 237)` looks like.

```
.text, #text, p{  
    color:rgb(214, 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(214, 249, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 249, 237) }
```

Border

The CSS property to change the border of an element to Yxy 88.1619, 0.2979, 0.3415 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(214, 249, 237) }
```

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

```
.border{ border-color:rgb(214, 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(214, 249, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 249, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 249, 237);  
box-shadow:4px 4px 4px 4px rgb(214, 249,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 88.1619, 0.2979, 0.3415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 249, 237) }
```

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

```
.background{ background-color: rgb(214,  
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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