

Converting Colors

Yxy(93.1442, 0.2949, 0.3371)

Have a look what the booklet for
Yxy(93.1442, 0.2949, 0.3371)
contains.

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Color

Yxy(93.1408, 0.2948, 0.3371)

Conversions

Conversions Part 1

Format	Color
Hex	DAFFF7
RGB	218, 255, 247
RGB Percent	85%, 100%, 97%
CMY	0.1453, 0.0000, 0.0312
CMYK	0.15, 0.00, 0.03, 0.00
HSL	167°, 100%, 93%
HSV	167°, 15%, 100%
XYZ	81.4533, 93.1408, 101.7061
YIQ	243.0250, -19.4840, -10.3320

Conversions

Conversions Part 2

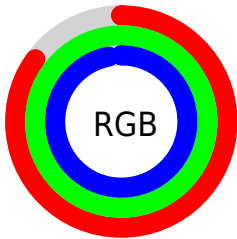
Format	Color
R _Y B	218, 239, 255
Decimal	14352375
CIE Lab	97.28, -13.37, -0.19
CIE LCh	97, 13.371, 180.801
Yxy	93.1408, 0.2948, 0.3371
Android (android.graphics.Color)	4292542455 (0xFFDAFFF7)
YUV	243.0250, 1.9597, -21.9469
Hunter-Lab	96.5095, -18.2389, 5.0741

Details

The Yxy color **93.1408, 0.2948, 0.3371** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.8609, 0.3342, 0.3211**, and the grayscale version is **89.6331, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.9363, 0.2910, 0.3381** is the 20% darker color. If you saturate the color by 10%, you get **89.1686, 0.2833, 0.3433**, and if you desaturate by 10%, it is **97.7151, 0.3070, 0.3314**.

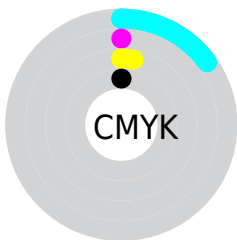
Distribution



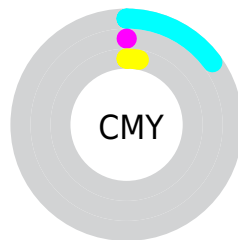
- Red (85%)
- Green (100%)
- Blue (97%)



- Red (85%)
- Yellow (94%)
- Blue (100%)



- Cyan (15%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)




- Cyan (15%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.1408, 0.2948, 0.3371 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 93.1408, 0.2948, 0.3371 by changing the saturation by 10% instead.

 93.1408, 0.2948,
0.3371

 93.1408, 0.2948,
0.3371


538.1957, 0.3027,
0.3335

 70.5885, 0.2931,
0.3379


151.6935, 0.2975,
0.3359

 52.0065, 0.2910,
0.3388


188.4628, 0.2985,
0.3354

 37.0102, 0.2884,
0.3400


230.7398, 0.2995,
0.3350

 25.2154, 0.2851,
0.3415

278.9091, 0.3003,
0.3346

 16.2376, 0.2807,
0.3434

333.3549, 0.3010,
0.3343

 9.6925, 0.2748,
0.3461

394.4616, 0.3016,

 5.1955, 0.2661,

0.3340

0.3500

462.6138, 0.3022,
0.3338

■ 2.3624, 0.2524,
0.3561

■ 0.8065, 0.2059,
0.3772

■ 93.1408, 0.2948,
0.3371

■ 93.1408, 0.2948,
0.3371

■ 89.1686, 0.2833,
0.3433


■ 97.7151, 0.3070,
0.3314

■ 85.7897, 0.2727,
0.3501

100.0000, 0.3127,
0.3290


■ 82.9680, 0.2635,
0.3573

■ 80.6712, 0.2558,
0.3648

 78.8633, 0.2499,
0.3726

 77.5041, 0.2460,
0.3806

 76.5465, 0.2441,
0.3886

 75.9330, 0.2441,
0.3966

 75.6983, 0.2447,
0.4009

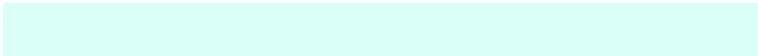
Harmonies

Analogous

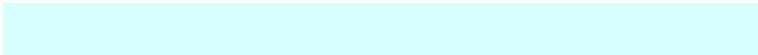
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.1408, 0.3083, 0.3488



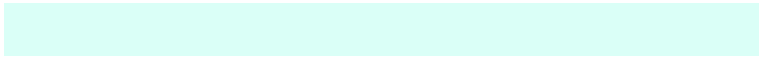
93.1408, 0.2948, 0.3371



93.1408, 0.2862, 0.3234

Triad

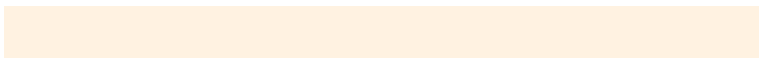
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.1408, 0.2948, 0.3371



93.1408, 0.3018, 0.3046



93.1408, 0.3417, 0.3455

Complementary

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



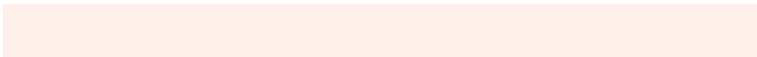
93.1408, 0.2948, 0.3371



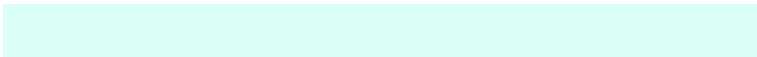
76.8609, 0.3342, 0.3211

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.



93.1408, 0.3400, 0.3336



93.1408, 0.2948, 0.3371



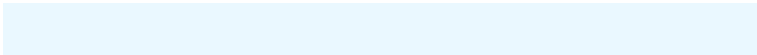
93.1408, 0.3167, 0.3104

Square

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



93.1408, 0.2948, 0.3371



93.1408, 0.2901, 0.3049



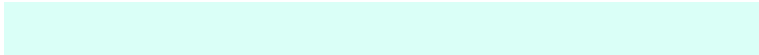
93.1408, 0.3307, 0.3209



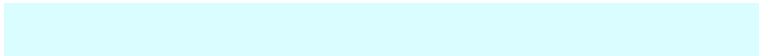
93.1408, 0.3355, 0.3534

Rectangle

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



93.1408, 0.2948, 0.3371



93.1408, 0.2842, 0.3151



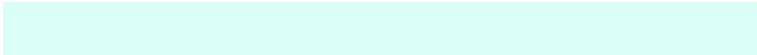
93.1408, 0.3307, 0.3209



93.1408, 0.3421, 0.3419

Sweetspot

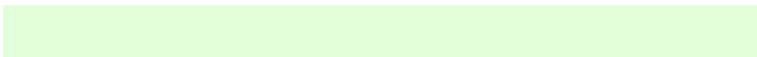
The Sweet Spot groups the original color and five complimentary colors.



93.1345, 0.2948, 0.3371



97.9761, 0.3077, 0.3311



92.7437, 0.3159, 0.3673



20.8919, 0.3067, 0.3315



0.0000, 0.0000, 0.0000



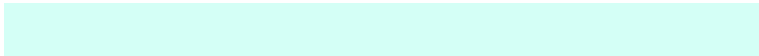
21.4041, 0.3127, 0.3290

Same Dimension

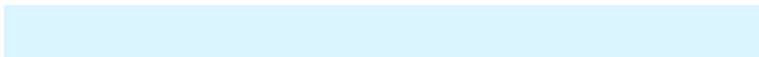
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.1345, 0.2948, 0.3371



92.0993, 0.2919, 0.3386



87.1205, 0.2902, 0.3182



20.4106, 0.3009, 0.3342



39.5770, 0.2443, 0.3996



3.8693, 0.2418, 0.3905

Inverse Universe

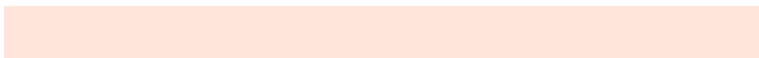
The Inverse Universe completely reimagines the original color for something new.



76.8609, 0.3342, 0.3211



73.3910, 0.3386, 0.3197



82.0508, 0.3383, 0.3396



18.0510, 0.3260, 0.3239



11.2697, 0.6039, 0.3101



1.1125, 0.5735, 0.2933

Previews

White Background



This preview shows how the Yxy color 93.1408, 0.2948, 0.3371 looks on a white background.

Color Contrast Check

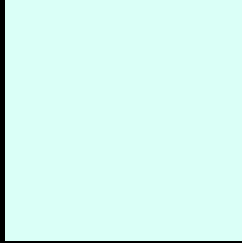
Large Text (above 18pt) WCAG AA × Fail

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 93.1408, 0.2948, 0.3371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

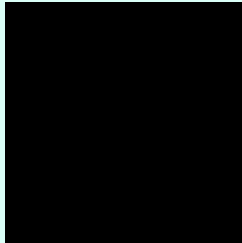
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

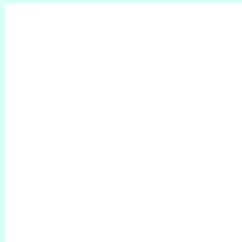
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.1408, 0.2948, 0.3371

Background



This preview shows how black text looks on a background with the Yxy color 93.1408, 0.2948, 0.3371.

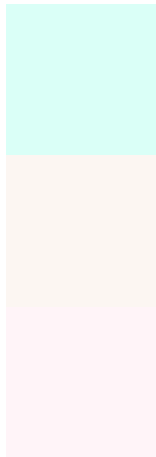


This preview shows how white text looks on a background with the Yxy color 93.1408, 0.2948, 0.3371.

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

93.1408, 0.2948, 0.3371

Protanopia

93.0178, 0.3190, 0.3329

Deuteranopia

92.7387, 0.3174, 0.3252

Tritanopia

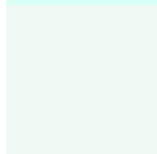
92.7055, 0.3030, 0.3221

Trichromacy



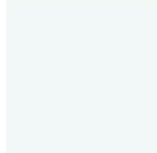
Original Color

93.1408, 0.2948, 0.3371



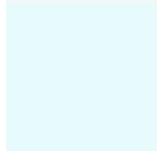
Protanomaly

92.8083, 0.3100, 0.3340



Deuteranomaly

92.7894, 0.3089, 0.3290



Tritanomaly

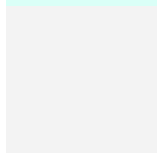
93.0116, 0.2998, 0.3280

Monochromacy



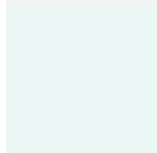
Original Color

93.1408, 0.2948, 0.3371



Achromatopsia

89.6269, 0.3127, 0.3290



Achromatomaly

90.5456, 0.3062, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.1408, 0.2948, 0.3371 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(218, 255, 247)` looks like.

```
.text, #text, p{  
    color:rgb(218, 255, 247)  
}
```

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(218, 255, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 255, 247) }
```

Border

The CSS property to change the border of an element to Yxy 93.1408, 0.2948, 0.3371 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(218, 255, 247) }
```

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

```
.border{ border-color:rgb(218, 255, 247) }
```

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

Here you see how a box with a 4 pixel rgb(218, 255, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 255, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 255, 247);  
box-shadow:4px 4px 4px 4px rgb(218, 255,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 93.1408, 0.2948, 0.3371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 255, 247) }
```

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

```
.background{ background-color: rgb(218,  
255, 247) }
```

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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