

Converting Colors

$Y_{xy}(92.7767, 0.2968, 0.3416)$

Have a look what the booklet for
Yxy(92.7767, 0.2968, 0.3416)
contains.

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Color

Yxy(92.7428, 0.2964, 0.3413)

Conversions

Conversions Part 1	
Format	Color
Hex	D9FFF3
RGB	217, 255, 243
RGB Percent	85%, 100%, 95%
CMY	0.1492, 0.0000, 0.0471
CMYK	0.15, 0.00, 0.05, 0.00
HSL	161°, 100%, 93%
HSV	161°, 15%, 100%
XYZ	80.5419, 92.7428, 98.4492
YIQ	242.2700, -18.7960, -11.7880

Conversions

Conversions Part 2

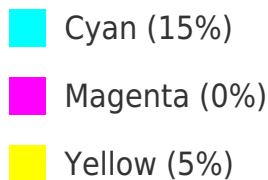
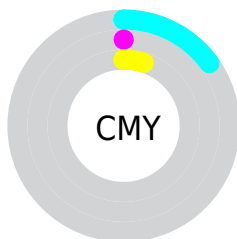
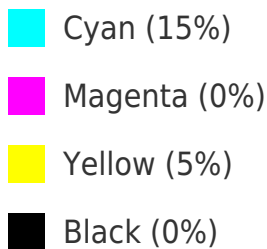
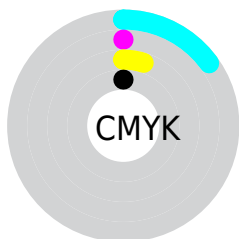
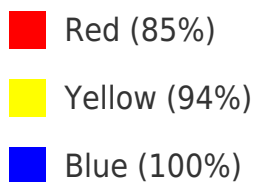
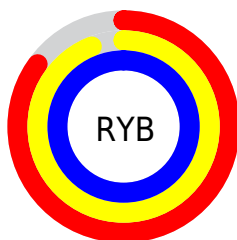
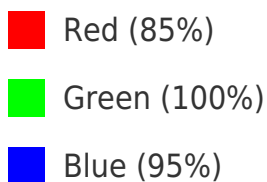
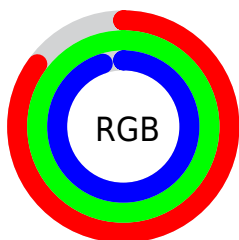
Format	Color
RYB	217, 240, 255
Decimal	14286835
CIELab	97.12, -14.45, 1.64
CIELCh	97, 14.544, 173.510
Yxy	92.7428, 0.2964, 0.3413
Android (android.graphics.Color)	4292476915 (0xFFD9FFF3)
YUV	242.2700, 0.3599, -22.1618
Hunter-Lab	96.3031, -19.2440, 6.8008

Details

The Yxy color 92.7428, 0.2964, 0.3413 is a light color, and the websafe version is hex CCFFFF. A complement of this color would be 76.5159, 0.3322, 0.3171, and the grayscale version is 89.0138, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.6574, 0.2930, 0.3435 is the 20% darker color. If you saturate the color by 10%, you get 88.6509, 0.2861, 0.3506, and if you desaturate by 10%, it is 97.4452, 0.3072, 0.3328.


Distribution




Brightness & Saturation Gradients

These gradients show how the Yxy color 92.7428, 0.2964, 0.3413 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 92.7428, 0.2964, 0.3413 by changing the saturation by 10% instead.

 92.7428, 0.2964,
0.3413

 92.7428, 0.2964,
0.3413


536.9133, 0.3036,
0.3358

 70.2577, 0.2948,
0.3425


151.1425, 0.2989,
0.3394

 51.7367, 0.2929,
0.3440


187.8259, 0.2998,
0.3387

 36.7952, 0.2905,
0.3458


230.0109, 0.3007,
0.3381

 25.0490, 0.2874,
0.3481

278.0818, 0.3014,
0.3375

 16.1136, 0.2834,
0.3512

332.4232, 0.3021,
0.3370

 9.6045, 0.2779,
0.3555


393.4192, 0.3027,


 5.1376, 0.2698,


0.3366


0.3618


461.4545, 0.3032,
0.3362


 2.3282, 0.2568,
0.3721


 0.7886, 0.2057,
0.4088

 92.7428, 0.2964,
0.3413


 92.7428, 0.2964,
0.3413


 88.6509, 0.2861,
0.3506


 97.4452, 0.3072,
0.3328


 85.1633, 0.2767,
0.3607


100.0000, 0.3127,
0.3290

 82.2427, 0.2685,
0.3716

 79.8564, 0.2617,
0.3831

 77.9681, 0.2567,
0.3950

 76.5371, 0.2537,
0.4072

 75.5160, 0.2528,
0.4194

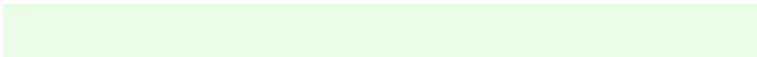
 74.8463, 0.2538,
0.4315

 74.5986, 0.2549,
0.4375

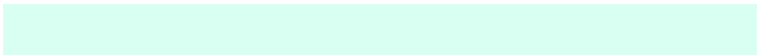
Harmonies

Analogous

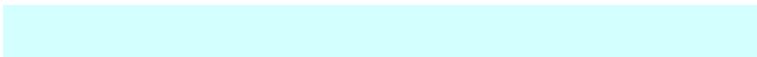
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.7428, 0.3118, 0.3529



92.7428, 0.2964, 0.3413



92.7428, 0.2855, 0.3264

Triad

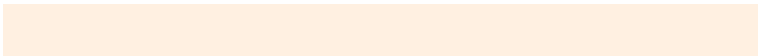
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.7428, 0.2964, 0.3413



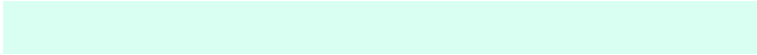
92.7428, 0.2973, 0.3019



92.7428, 0.3447, 0.3441

Complementary

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



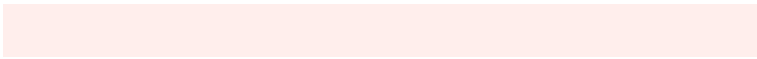
92.7428, 0.2964, 0.3413



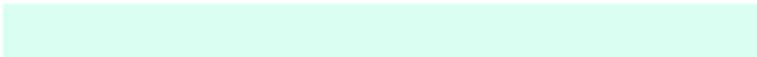
76.5159, 0.3322, 0.3171

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.



92.7428, 0.3407, 0.3306



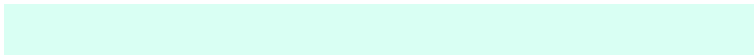
92.7428, 0.2964, 0.3413



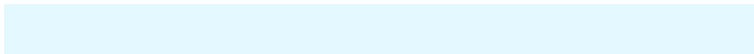
92.7428, 0.3130, 0.3067

Square

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



92.7428, 0.2964, 0.3413



92.7428, 0.2860, 0.3039



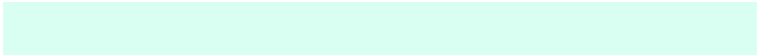
92.7428, 0.3289, 0.3170



92.7428, 0.3399, 0.3541

Rectangle

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



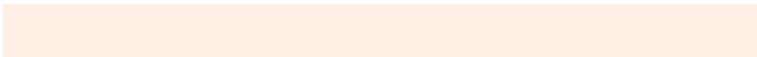
92.7428, 0.2964, 0.3413



92.7428, 0.2821, 0.3169



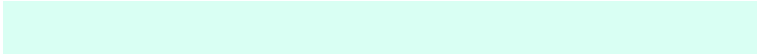
92.7428, 0.3289, 0.3170



92.7428, 0.3444, 0.3398

Sweetspot

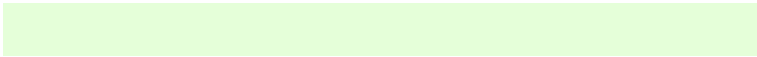
The Sweet Spot groups the original color and five complimentary colors.



92.7356, 0.2964, 0.3413



97.9111, 0.3083, 0.3321



93.1855, 0.3184, 0.3681



20.8754, 0.3074, 0.3327



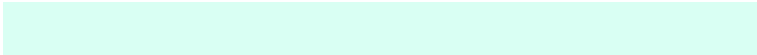
0.0000, 0.0000, 0.0000



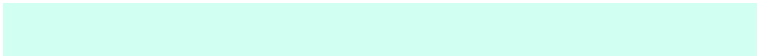
21.4041, 0.3127, 0.3290

Same Dimension

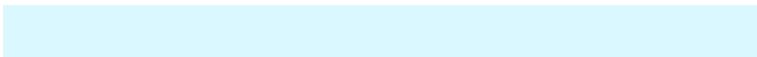
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.7356, 0.2964, 0.3413



91.4124, 0.2932, 0.3441



89.1145, 0.2897, 0.3218



20.3782, 0.3022, 0.3366



39.0076, 0.2543, 0.4355



3.8178, 0.2505, 0.4218

Inverse Universe

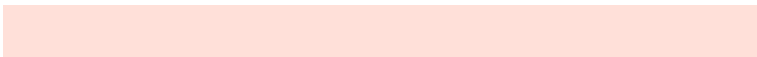
The Inverse Universe completely reimagines the original color for something new.



76.5159, 0.3322, 0.3171



72.2689, 0.3371, 0.3145



79.5400, 0.3397, 0.3361



18.0815, 0.3244, 0.3215



11.4384, 0.5713, 0.2921



1.1325, 0.5394, 0.2745

Previews

White Background



This preview shows how the Yxy color 92.7428, 0.2964, 0.3413 looks on a white background.

Color Contrast Check

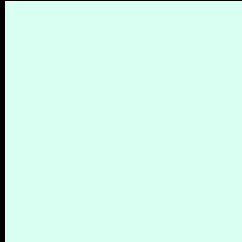
Large Text (above 18pt) WCAG AA × Fail

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 92.7428, 0.2964, 0.3413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

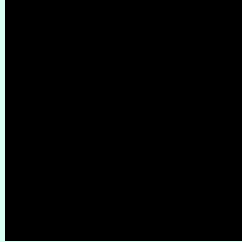
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

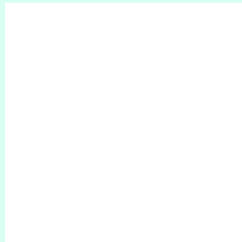
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.7428, 0.2964, 0.3413

Background



This preview shows how black text looks on a background with the Yxy color 92.7428, 0.2964, 0.3413.

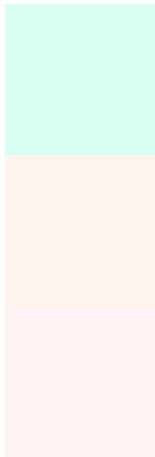


This preview shows how white text looks on a background with the Yxy color 92.7428, 0.2964, 0.3413.

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

92.7428, 0.2964, 0.3413

Protanopia

92.3019, 0.3228, 0.3368

Deuteranopia

92.0150, 0.3187, 0.3261




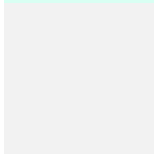
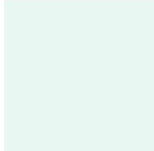
Tritanopia

92.5319, 0.3024, 0.3221

Trichromacy

	Original Color 92.7428, 0.2964, 0.3413
	Protanomaly 92.5086, 0.3129, 0.3390
	Deuteranomaly 91.8149, 0.3101, 0.3310
	Tritanomaly 92.7824, 0.2997, 0.3290

Monochromacy

	Original Color 92.7428, 0.2964, 0.3413
	Achromatopsia 88.7923, 0.3127, 0.3290
	Achromatomaly 90.2560, 0.3068, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.7428, 0.2964, 0.3413 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(217, 255, 243)` looks like.

```
.text, #text, p{  
    color:rgb(217, 255, 243)  
}
```

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(217, 255, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 255, 243) }
```

Border

The CSS property to change the border of an element to Yxy 92.7428, 0.2964, 0.3413 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(217, 255, 243) }
```

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

```
.border{ border-color:rgb(217, 255, 243) }
```

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

Here you see how a box with a 4 pixel rgb(217, 255, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 255, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 255, 243);  
box-shadow:4px 4px 4px 4px rgb(217, 255,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 92.7428, 0.2964, 0.3413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 255, 243) }
```

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

```
.background{ background-color: rgb(217,  
255, 243) }
```

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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