

Converting Colors

$Yxy(92.4403, 0.2972, 0.3488)$

Have a look what the booklet for
Yxy(92.4403, 0.2972, 0.3488)
contains.

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Color

Yxy(91.7806, 0.2973, 0.3477)

Conversions

Conversions Part 1

Format	Color
Hex	D5FFED
RGB	213, 255, 237
RGB Percent	84%, 100%, 93%
CMY	0.1649, 0.0000, 0.0705
CMYK	0.16, 0.00, 0.07, 0.00
HSL	154°, 100%, 92%
HSV	154°, 16%, 100%
XYZ	78.4768, 91.7806, 93.7075
YIQ	240.3900, -19.2540, -14.5020

Conversions

Conversions Part 2

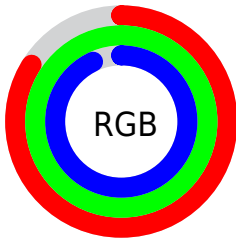
Format	Color
R_{YB}	213, 240, 255
Decimal	14024685
CIE _{Lab}	96.73, -16.84, 4.12
CIE _{LCh}	97, 17.335, 166.240
Yxy	91.7806, 0.2973, 0.3477
Android (android.graphics.Color)	4292214765 (0xFFD5FFED)
YUV	240.3900, -1.6713, -24.0210
Hunter-Lab	95.8022, -21.4348, 9.0679

Details

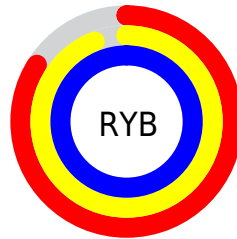
The Yxy color **91.7806, 0.2973, 0.3477** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.5898, 0.3313, 0.3111**, and the grayscale version is **87.4718, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.9935, 0.2942, 0.3518** is the 20% darker color. If you saturate the color by 10%, you get **87.6384, 0.2885, 0.3607**, and if you desaturate by 10%, it is **96.5476, 0.3066, 0.3360**.

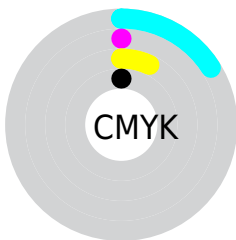
Distribution



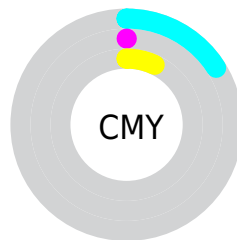
- Red (84%)
- Green (100%)
- Blue (93%)



- Red (84%)
- Yellow (94%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)




- Cyan (16%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.7806, 0.2973, 0.3477 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 91.7806, 0.2973, 0.3477 by changing the saturation by 10% instead.


 91.7806, 0.2973,
0.3477

 91.7806, 0.2973,
0.3477


533.8062, 0.3042,
0.3393

 69.4584, 0.2958,
0.3496

149.8093, 0.2997,
0.3448

 51.0851, 0.2939,
0.3519


186.2845, 0.3006,
0.3437

 36.2764, 0.2916,
0.3547


228.2463, 0.3014,
0.3427

 24.6477, 0.2886,
0.3584

276.0790, 0.3021,
0.3419

 15.8148, 0.2847,
0.3633

330.1669, 0.3027,
0.3411

 9.3932, 0.2793,
0.3701

390.8945, 0.3033,

 4.9985, 0.2712,

0.3404

0.3804

458.6461, 0.3038,
0.3398

■ 2.2464, 0.2580,
0.3974

■ 0.7451, 0.1898,
0.4760

■ 91.7806, 0.2973,
0.3477

■ 91.7806, 0.2973,
0.3477

■ 87.6384, 0.2885,
0.3607


■ 96.5476, 0.3066,
0.3360


■ 84.1125, 0.2805,
0.3748

100.0000, 0.3127,
0.3290


■ 81.1654, 0.2736,
0.3901


■ 78.7634, 0.2681,
0.4063

 76.8693, 0.2644,
0.4230

 75.4408, 0.2626,
0.4400

 74.4287, 0.2629,
0.4568

 73.7715, 0.2652,
0.4731

 73.5926, 0.2663,
0.4787

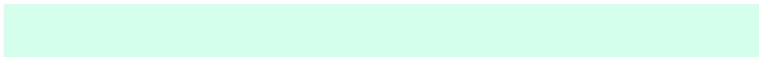
Harmonies

Analogous

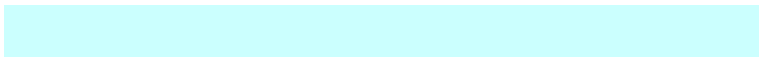
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.7806, 0.3163, 0.3599



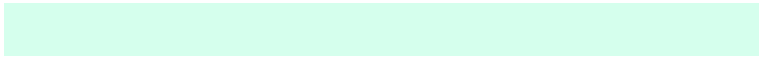
91.7806, 0.2973, 0.3477



91.7806, 0.2827, 0.3302

Triad

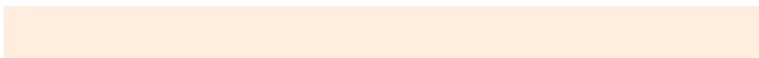
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.7806, 0.2973, 0.3477



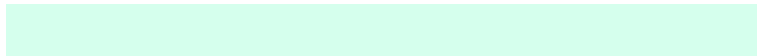
91.7806, 0.2904, 0.2965



91.7806, 0.3509, 0.3431

Complementary

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



91.7806, 0.2973, 0.3477



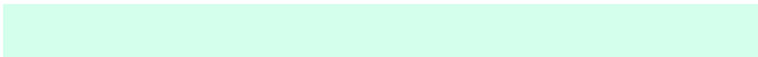
74.5898, 0.3313, 0.3111

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.



91.7806, 0.3435, 0.3267



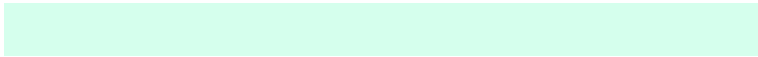
91.7806, 0.2973, 0.3477



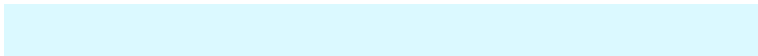
91.7806, 0.3082, 0.3004

Square

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



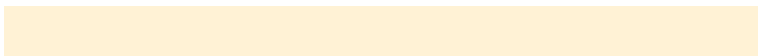
91.7806, 0.2973, 0.3477



91.7806, 0.2788, 0.3009



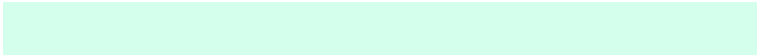
91.7806, 0.3277, 0.3113



91.7806, 0.3476, 0.3566

Rectangle

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



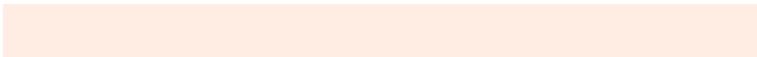
91.7806, 0.2973, 0.3477



91.7806, 0.2772, 0.3184



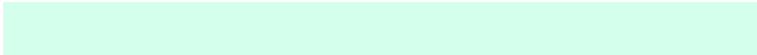
91.7806, 0.3277, 0.3113



91.7806, 0.3496, 0.3378

Sweetspot

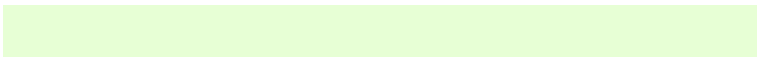
The Sweet Spot groups the original color and five complimentary colors.



91.7739, 0.2973, 0.3477



97.3152, 0.3080, 0.3343



93.3392, 0.3221, 0.3722



20.7516, 0.3073, 0.3351



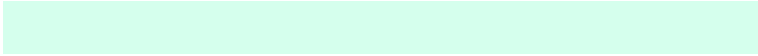
0.0000, 0.0000, 0.0000



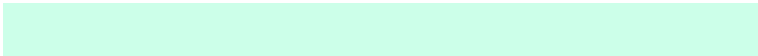
21.4041, 0.3127, 0.3290

Same Dimension

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



91.7739, 0.2973, 0.3477



90.2510, 0.2941, 0.3521



91.1032, 0.2876, 0.3261



20.3424, 0.3037, 0.3394



38.4843, 0.2656, 0.4760



3.7690, 0.2605, 0.4576

Inverse Universe

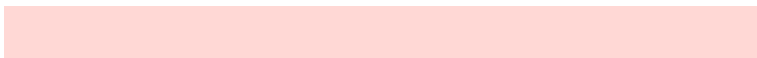
The Inverse Universe completely reimagines the original color for something new.



74.5898, 0.3313, 0.3111



69.9267, 0.3361, 0.3070



75.0474, 0.3438, 0.3319



18.1161, 0.3227, 0.3189



11.7152, 0.5269, 0.2676



1.1620, 0.4979, 0.2516

Previews

White Background



This preview shows how the Yxy color 91.7806, 0.2973, 0.3477 looks on a white background.

Color Contrast Check

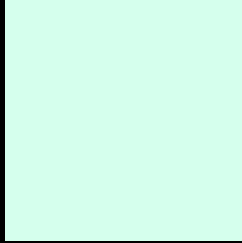
Large Text (above 18pt) WCAG AA × Fail

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 91.7806, 0.2973, 0.3477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

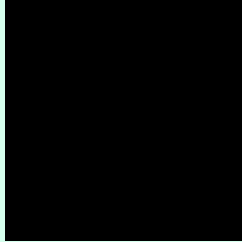
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

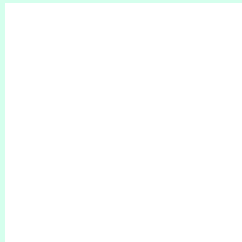
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.7806, 0.2973, 0.3477

Background



This preview shows how black text looks on a background with the Yxy color 91.7806, 0.2973, 0.3477.

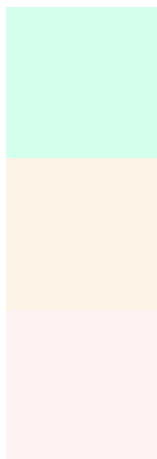


This preview shows how white text looks on a background with the Yxy color 91.7806, 0.2973, 0.3477.

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

91.7806, 0.2973, 0.3477

Protanopia

91.3535, 0.3266, 0.3418

Deuteranopia

91.2353, 0.3206, 0.3281



Tritanopia

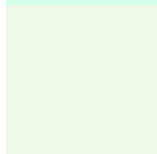
91.4037, 0.3006, 0.3210

Trichromacy



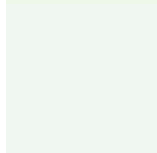
Original Color

91.7806, 0.2973, 0.3477



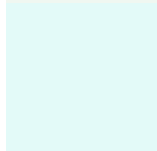
Protanomaly

91.1951, 0.3152, 0.3441



Deuteranomaly

91.3977, 0.3118, 0.3350



Tritanomaly

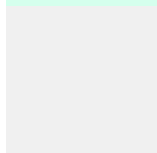
91.4794, 0.2996, 0.3310

Monochromacy



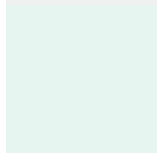
Original Color

91.7806, 0.2973, 0.3477



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.3598, 0.3067, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.7806, 0.2973, 0.3477 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(213, 255, 237)` looks like.

```
.text, #text, p{  
    color:rgb(213, 255, 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(213, 255, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 255, 237) }
```

Border

The CSS property to change the border of an element to Yxy 91.7806, 0.2973, 0.3477 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(213, 255, 237) }
```

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

```
.border{ border-color:rgb(213, 255, 237) }
```

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

Here you see how a box with a 4 pixel rgb(213, 255, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 255, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 255, 237);  
box-shadow:4px 4px 4px 4px rgb(213, 255,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 91.7806, 0.2973, 0.3477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 255, 237) }
```

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

```
.background{ background-color: rgb(213,  
255, 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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