

Converting Colors

$Y_{xy}(128.7635, 0.2915, 0.3842)$

Have a look what the booklet for
Yxy(128.7635, 0.2915, 0.3842)
contains.

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Color

Yxy(91.9989, 0.2897, 0.3362)

Conversions

Conversions Part 1

Format	Color
Hex	D2FFF8
RGB	210, 255, 248
RGB Percent	82%, 100%, 97%
CMY	0.1765, 0.0000, 0.0275
CMYK	0.18, 0.00, 0.03, 0.00
HSL	171°, 100%, 91%
HSV	171°, 18%, 100%
XYZ	79.2745, 91.9989, 102.3700
YIQ	240.7470, -24.5730, -11.7170

Conversions

Conversions Part 2

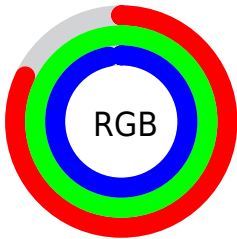
Format	Color
R_{YB}	210, 234, 255
Decimal	13828088
CIE _{Lab}	96.82, -15.64, -1.41
CIE _{LCh}	97, 15.702, 185.163
Yxy	91.9989, 0.2897, 0.3362
Android (android.graphics.Color)	4292018168 (0xFFD2FFF8)
YUV	240.7470, 3.5757, -26.9651
Hunter-Lab	95.9161, -20.3231, 3.8618

Details

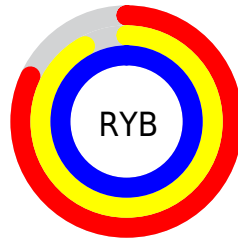
The Yxy color **91.9989, 0.2897, 0.3362** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.3532, 0.3418, 0.3220**, and the grayscale version is **87.7324, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.1625, 0.2847, 0.3369** is the 20% darker color. If you saturate the color by 10%, you get **88.3018, 0.2778, 0.3408**, and if you desaturate by 10%, it is **96.2896, 0.3025, 0.3320**.

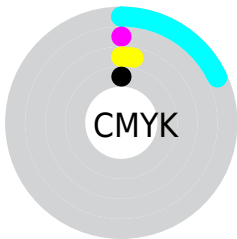
Distribution



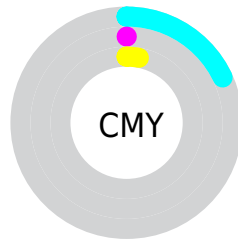
- Red (82%)
- Green (100%)
- Blue (97%)



- Red (82%)
- Yellow (92%)
- Blue (100%)



- Cyan (18%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)



- Cyan (18%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.9989, 0.2897, 0.3362 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 91.9989, 0.2897, 0.3362 by changing the saturation by 10% instead.

91.9989, 0.2897,
0.3362

91.9989, 0.2897,
0.3362

534.5120, 0.2999,
0.3331

69.6397, 0.2875,
0.3369

150.1119, 0.2931,
0.3351

51.2329, 0.2848,
0.3377

186.6344, 0.2945,
0.3347

36.3940, 0.2814,
0.3387

228.6469, 0.2957,
0.3344

24.7386, 0.2772,
0.3400

276.5337, 0.2967,
0.3340

15.8824, 0.2716,
0.3416

330.6792, 0.2977,
0.3338

9.4410, 0.2640,
0.3439

391.4679, 0.2985,

5.0299, 0.2529,

0.3335

0.3471

459.2840, 0.2992,
0.3333

■ 2.2648, 0.2354,
0.3520

■ 0.7550, 0.1669,
0.3753

■ 91.9989, 0.2897,
0.3362

■ 91.9989, 0.2897,
0.3362

■ 88.3018, 0.2778,
0.3408

■ 96.2896, 0.3025,
0.3320

■ 85.1821, 0.2670,
0.3457

100.0000, 0.3127,
0.3290

■ 82.6051, 0.2577,
0.3509

■ 80.5377, 0.2501,
0.3563

■ 78.9427, 0.2443,
0.3619

■ 77.7782, 0.2406,
0.3675

■ 76.9943, 0.2388,
0.3731

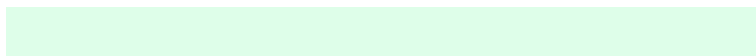
■ 76.5257, 0.2388,
0.3787

■ 76.4390, 0.2389,
0.3800

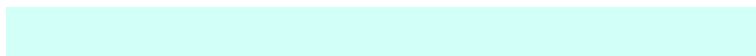
Harmonies

Analogous

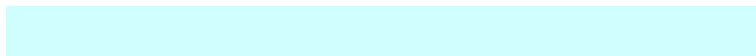
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.9989, 0.3049, 0.3507



91.9989, 0.2897, 0.3362



91.9989, 0.2807, 0.3200

Triad

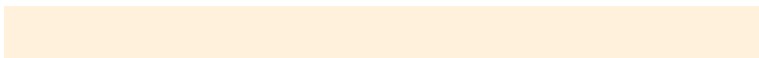
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.9989, 0.2897, 0.3362



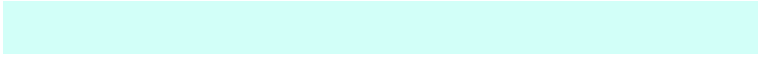
91.9989, 0.3022, 0.3009



91.9989, 0.3465, 0.3501

Complementary

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



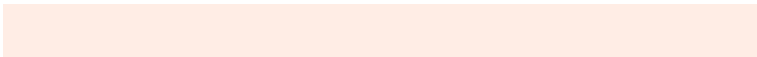
91.9989, 0.2897, 0.3362



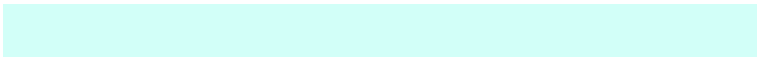
72.3532, 0.3418, 0.3220

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.



91.9989, 0.3458, 0.3365



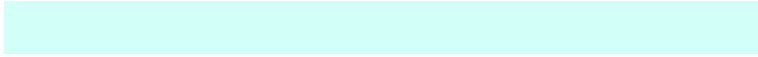
91.9989, 0.2897, 0.3362



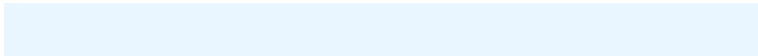
91.9989, 0.3199, 0.3087

Square

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



91.9989, 0.2897, 0.3362



91.9989, 0.2878, 0.3001



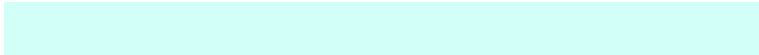
91.9989, 0.3360, 0.3215



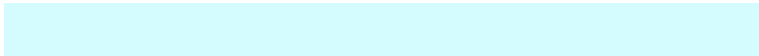
91.9989, 0.3378, 0.3586

Rectangle

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



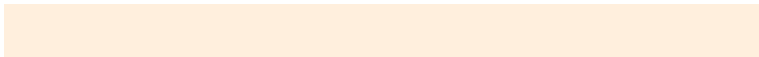
91.9989, 0.2897, 0.3362



91.9989, 0.2793, 0.3107



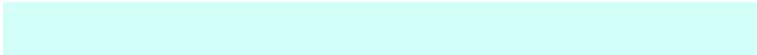
91.9989, 0.3360, 0.3215



91.9989, 0.3474, 0.3460

Sweetspot

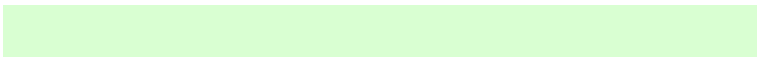
The Sweet Spot groups the original color and five complimentary colors.



91.9950, 0.2897, 0.3362



97.5342, 0.3060, 0.3309



90.9981, 0.3151, 0.3766



20.8049, 0.3051, 0.3312



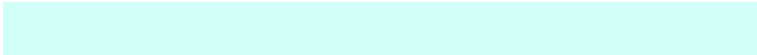
0.0000, 0.0000, 0.0000



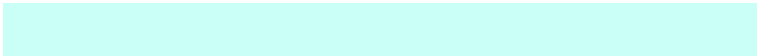
21.4041, 0.3127, 0.3290

Same Dimension

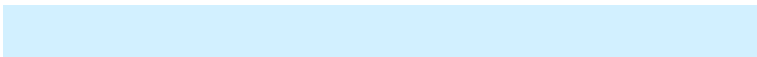
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.9950, 0.2897, 0.3362



90.6939, 0.2856, 0.3377



83.2351, 0.2852, 0.3133



20.4299, 0.3001, 0.3327



39.9593, 0.2386, 0.3790



3.9032, 0.2369, 0.3727

Inverse Universe

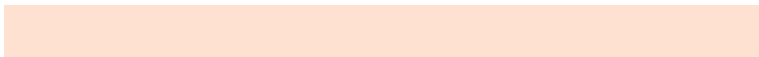
The Inverse Universe completely reimagines the original color for something new.



72.3532, 0.3418, 0.3220



67.8865, 0.3487, 0.3206



79.7556, 0.3444, 0.3442



18.0332, 0.3270, 0.3253



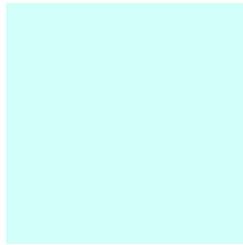
11.2016, 0.6186, 0.3181



1.1034, 0.5912, 0.3031

Previews

White Background



This preview shows how the Yxy color 91.9989, 0.2897, 0.3362 looks on a white background.

Color Contrast Check

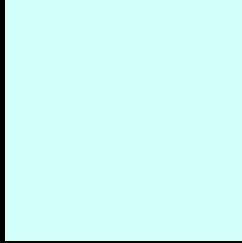
Large Text (above 18pt) WCAG AA × Fail

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 91.9989, 0.2897, 0.3362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

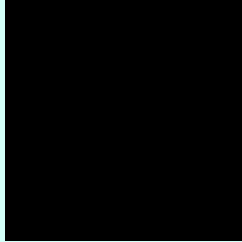
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.9989, 0.2897, 0.3362

Background



This preview shows how black text looks on a background with the Yxy color 91.9989, 0.2897, 0.3362.

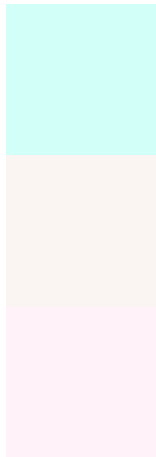


This preview shows how white text looks on a background with the Yxy color 91.9989, 0.2897, 0.3362.

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

91.9989, 0.2897, 0.3362

Protanopia

91.4362, 0.3178, 0.3310

Deuteranopia

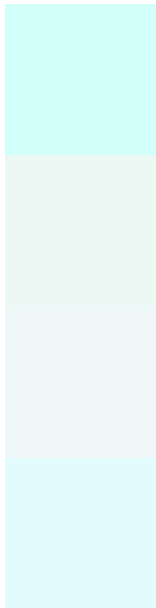
91.5416, 0.3176, 0.3232



Tritanopia

92.0170, 0.3005, 0.3220

Trichromacy



Original Color

91.9989, 0.2897, 0.3362

Protanomaly

91.3286, 0.3068, 0.3330

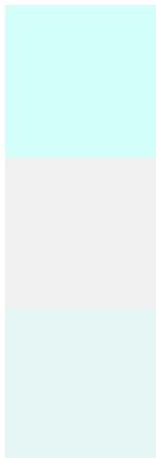
Deuteranomaly

91.6496, 0.3071, 0.3280

Tritanomaly

92.1914, 0.2968, 0.3279

Monochromacy



Original Color

91.9989, 0.2897, 0.3362

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

89.2662, 0.3038, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.9989, 0.2897, 0.3362 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(210, 255, 248)` looks like.

```
.text, #text, p{  
    color:rgb(210, 255, 248)  
}
```

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(210, 255, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 255, 248) }
```

Border

The CSS property to change the border of an element to Yxy 91.9989, 0.2897, 0.3362 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(210, 255, 248) }
```

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

```
.border{ border-color:rgb(210, 255, 248) }
```

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

Here you see how a box with a 4 pixel rgb(210, 255, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 255, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 255, 248);  
box-shadow:4px 4px 4px 4px rgb(210, 255,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 91.9989, 0.2897, 0.3362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 255, 248) }
```

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

```
.background{ background-color: rgb(210,  
255, 248) }
```

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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