

Converting Colors

$Yxy(93.7136, 0.2784, 0.3102)$

Have a look what the booklet for
Yxy(93.7136, 0.2784, 0.3102)
contains.

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Color

Yxy(92.2498, 0.2877, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	D5FEFF
RGB	213, 254, 255
RGB Percent	84%, 100%, 100%
CMY	0.1645, 0.0039, 0.0000
CMYK	0.16, 0.00, 0.00, 0.00
HSL	181°, 100%, 92%
HSV	181°, 16%, 100%
XYZ	80.9401, 92.2498, 108.1452
YIQ	241.8550, -24.7570, -8.3810

Conversions

Conversions Part 2

Format	Color
R _{YB}	213, 234, 255
Decimal	14024447
CIE _{Lab}	96.92, -12.81, -4.85
CIE _{LCh}	97, 13.696, 200.756
Y _{xy}	92.2498, 0.2877, 0.3279
Android (android.graphics.Color)	4292214527 (0xFFD5FEFF)
Y _{UV}	241.8550, 6.4805, -25.3058
Hunter-Lab	96.0468, -17.6570, 0.4743

Details

The Yxy color **92.2498, 0.2877, 0.3279** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.1804, 0.3440, 0.3301**, and the grayscale version is **88.6425, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.2788, 0.2828, 0.3276** is the 20% darker color. If you saturate the color by 10%, you get **88.3486, 0.2738, 0.3272**, and if you desaturate by 10%, it is **96.7594, 0.3027, 0.3286**.

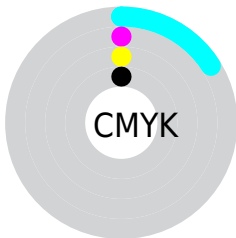
Distribution



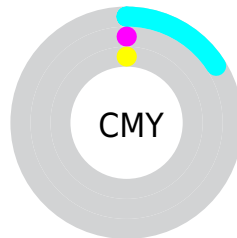
- Red (84%)
- Green (100%)
- Blue (100%)



- Red (84%)
- Yellow (92%)
- Blue (100%)



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.2498, 0.2877, 0.3279 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 92.2498, 0.2877, 0.3279 by changing the saturation by 10% instead.


 92.2498, 0.2877,
0.3279

 92.2498, 0.2877,
0.3279


535.3225, 0.2987,
0.3285

 69.8481, 0.2853,
0.3277

150.4596, 0.2914,
0.3281

 51.4027, 0.2824,
0.3275


187.0364, 0.2929,
0.3282

 36.5292, 0.2788,
0.3273


229.1072, 0.2942,
0.3283

 24.8432, 0.2743,
0.3269

277.0562, 0.2953,
0.3283

 15.9603, 0.2683,
0.3264

331.2678, 0.2963,
0.3284

 9.4960, 0.2602,
0.3256

392.1265, 0.2972,

 5.0661, 0.2485,

0.3284

460.0166, 0.2980,
0.3285

0.3243

2.2861, 0.2302,
0.3217

0.7663, 0.1753,
0.3232

92.2498, 0.2877,
0.3279

92.2498, 0.2877,
0.3279

88.3486, 0.2738,
0.3272

96.7594, 0.3027,
0.3286

85.0165, 0.2611,
0.3264

99.9999, 0.3127,
0.3290

82.2270, 0.2501,
0.3256

79.9473, 0.2408,
0.3248

■ 78.1409, 0.2335,
0.3240

■ 76.7663, 0.2282,
0.3232

■ 75.7752, 0.2248,
0.3224

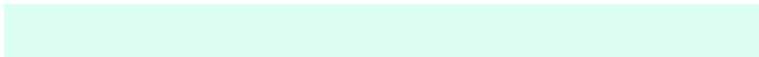
■ 75.1068, 0.2230,
0.3216

■ 74.9150, 0.2226,
0.3213

Harmonies

Analogous

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



92.2498, 0.2985, 0.3418



92.2498, 0.2877, 0.3279



92.2498, 0.2835, 0.3147

Triad

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



92.2498, 0.2877, 0.3279



92.2498, 0.3115, 0.3072



92.2498, 0.3391, 0.3520

Complementary

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



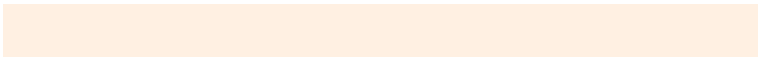
92.2498, 0.2877, 0.3279



74.1804, 0.3440, 0.3301

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.



92.2498, 0.3429, 0.3422



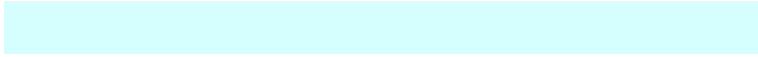
92.2498, 0.2877, 0.3279



92.2498, 0.3267, 0.3167

Square

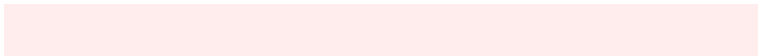
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.2498, 0.2877, 0.3279



92.2498, 0.2970, 0.3033



92.2498, 0.3383, 0.3293



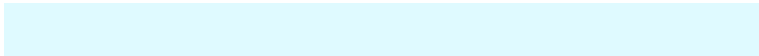
92.2498, 0.3282, 0.3559

Rectangle

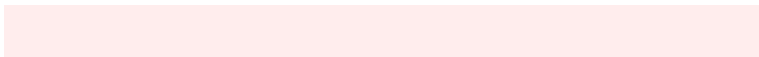
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.2498, 0.2877, 0.3279



92.2498, 0.2848, 0.3082



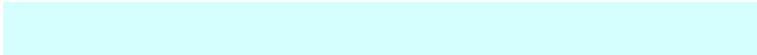
92.2498, 0.3383, 0.3293



92.2498, 0.3413, 0.3493

Sweetspot

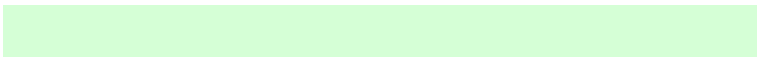
The Sweet Spot groups the original color and five complimentary colors.



92.2536, 0.2877, 0.3279



97.4674, 0.3049, 0.3287



90.5131, 0.3102, 0.3728



20.7886, 0.3038, 0.3286



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

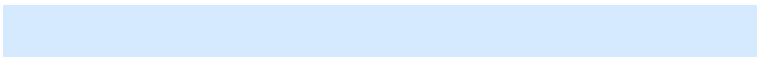
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.2536, 0.2877, 0.3279



90.8027, 0.2826, 0.3276



79.8313, 0.2867, 0.3063



20.4026, 0.2980, 0.3284



39.1787, 0.2226, 0.3215



3.8374, 0.2229, 0.3223

Inverse Universe

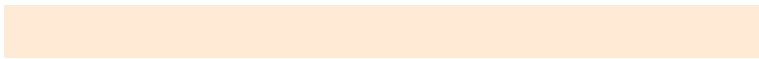
The Inverse Universe completely reimagines the original color for something new.



76.0240, 0.3153, 0.2890



71.5875, 0.3159, 0.2803



85.3217, 0.3407, 0.3507



18.2924, 0.3142, 0.3061



14.6831, 0.3270, 0.1575



1.4319, 0.3262, 0.1571

Previews

White Background



This preview shows how the Yxy color 92.2498, 0.2877, 0.3279 looks on a white background.

Color Contrast Check

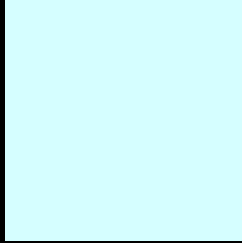
Large Text (above 18pt) WCAG AA × Fail

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 92.2498, 0.2877, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

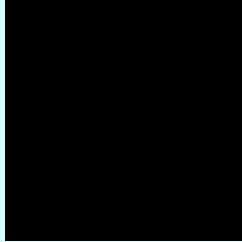
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.2498, 0.2877, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 92.2498, 0.2877, 0.3279.

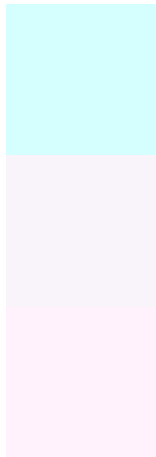


This preview shows how white text looks on a background with the Yxy color 92.2498, 0.2877, 0.3279.

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

92.2498, 0.2877, 0.3279

Protanopia

91.6807, 0.3129, 0.3241

Deuteranopia

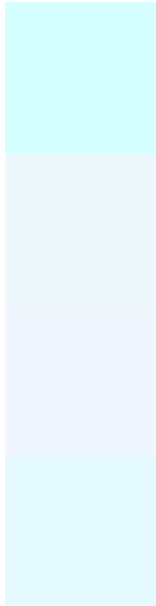
91.7925, 0.3151, 0.3194



Tritanopia

92.1877, 0.3012, 0.3220

Trichromacy



Original Color

92.2498, 0.2877, 0.3279

Protanomaly

91.9327, 0.3034, 0.3260

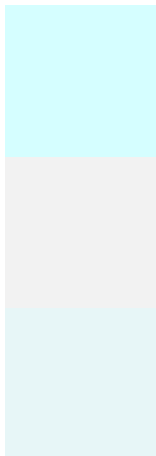
Deuteranomaly

91.5286, 0.3048, 0.3221

Tritanomaly

92.0852, 0.2963, 0.3239

Monochromacy



Original Color

92.2498, 0.2877, 0.3279

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

89.6159, 0.3027, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.2498, 0.2877, 0.3279 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, 254, 255)` looks like.

```
.text, #text, p{  
    color:rgb(213, 254, 255)  
}
```

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, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 254, 255) }
```

Border

The CSS property to change the border of an element to Yxy 92.2498, 0.2877, 0.3279 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, 254, 255) }
```

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

```
.border{ border-color:rgb(213, 254, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 254, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(213, 254,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 92.2498, 0.2877, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 254, 255) }
```

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

```
.background{ background-color: rgb(213,  
254, 255) }
```

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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