

Converting Colors

$Yxy(88.7551, 0.2921, 0.3395)$

Have a look what the booklet for
Yxy(88.7551, 0.2921, 0.3395)
contains.

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Color

Yxy(88.7551, 0.2921, 0.3395)

Conversions

Conversions Part 1

Format	Color
Hex	D0FBF1
RGB	208, 251, 241
RGB Percent	82%, 98%, 95%
CMY	0.1847, 0.0156, 0.0550
CMYK	0.17, 0.00, 0.04, 0.02
HSL	166°, 84%, 90%
HSV	166°, 17%, 98%
XYZ	76.3634, 88.7551, 96.3104
YIQ	237.0030, -22.4180, -12.2260

Conversions

Conversions Part 2

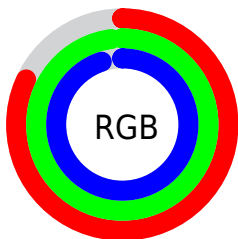
Format	Color
RYB	208, 232, 251
Decimal	13695985
CIELab	95.48, -15.69, 0.22
CIELCh	95, 15.689, 179.203
Yxy	88.7551, 0.2921, 0.3395
Android (android.graphics.Color)	4291886065 (0xFFD0FBF1)
YUV	237.0030, 1.9705, -25.4356
Hunter-Lab	94.2099, -20.1813, 5.3350

Details

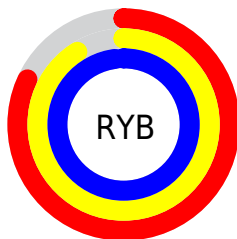
The Yxy color **88.7551, 0.2921, 0.3395** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.6378, 0.3383, 0.3188**, and the grayscale version is **84.6763, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.8587, 0.2876, 0.3412** is the 20% darker color. If you saturate the color by 10%, you get **85.0618, 0.2810, 0.3464**, and if you desaturate by 10%, it is **93.0427, 0.3039, 0.3332**.

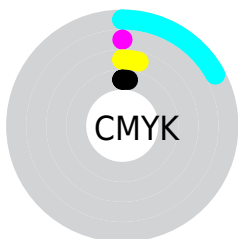
Distribution



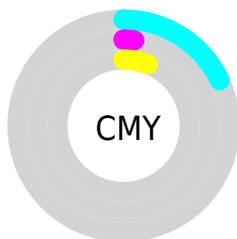
- Red (82%)
- Green (98%)
- Blue (95%)



- Red (82%)
- Yellow (91%)
- Blue (98%)



- Cyan (17%)
- Magenta (0%)
- Yellow (4%)
- Black (2%)





- Cyan (18%)
- Magenta (2%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.7551, 0.2921, 0.3395 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 88.7551, 0.2921, 0.3395 by changing the saturation by 10% instead.


 88.7551, 0.2921,
0.3395

 88.7551, 0.2921,
0.3395


523.9729, 0.3013,
0.3348

 66.9486, 0.2901,
0.3405


145.6080, 0.2952,
0.3379

 49.0429, 0.2876,
0.3418


181.4231, 0.2965,
0.3373

 34.6535, 0.2845,
0.3434


222.6766, 0.2975,
0.3367

 23.3961, 0.2806,
0.3454

269.7528, 0.2985,
0.3363

 14.8862, 0.2754,
0.3480

323.0361, 0.2993,
0.3358

 8.7396, 0.2682,
0.3517

382.9110, 0.3000,

 4.5717, 0.2577,

0.3355

0.3571

449.7618, 0.3007,
0.3351

1.9982, 0.2405,
0.3659

0.6064, 0.1339,
0.4197

88.7551, 0.2921,
0.3395

88.7551, 0.2921,
0.3395

85.0618, 0.2810,
0.3464

93.0427, 0.3039,
0.3332


81.9247, 0.2710,
0.3539

97.3448, 0.3142,
0.3274

79.3181, 0.2623,
0.3618


97.4934, 0.3129,
0.3252


77.2100, 0.2552,
0.3702

 75.5649, 0.2500,
0.3788

 74.3425, 0.2467,
0.3875

 73.4955, 0.2455,
0.3962

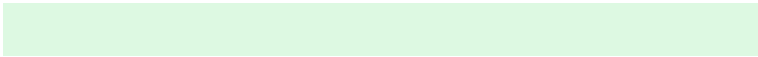
 72.9628, 0.2461,
0.4049

 72.8434, 0.2465,
0.4073

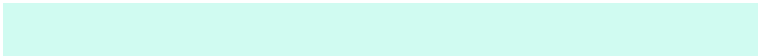
Harmonies

Analogous

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



88.7551, 0.3083, 0.3533



88.7551, 0.2921, 0.3395



88.7551, 0.2815, 0.3230

Triad

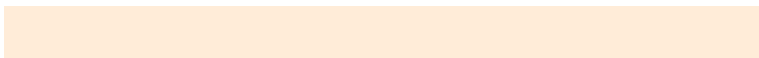
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.7551, 0.2921, 0.3395



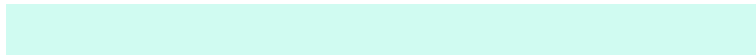
88.7551, 0.2988, 0.2998



88.7551, 0.3475, 0.3479

Complementary

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



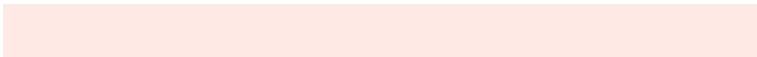
88.7551, 0.2921, 0.3395



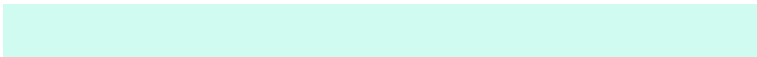
70.6378, 0.3383, 0.3188

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.



88.7551, 0.3449, 0.3336



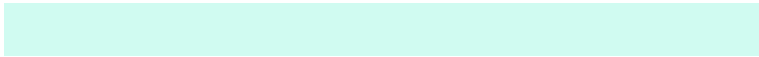
88.7551, 0.2921, 0.3395



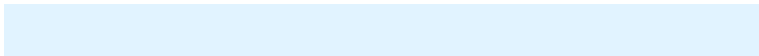
88.7551, 0.3164, 0.3064

Square

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



88.7551, 0.2921, 0.3395



88.7551, 0.2853, 0.3006



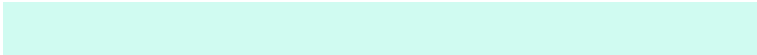
88.7551, 0.3334, 0.3186



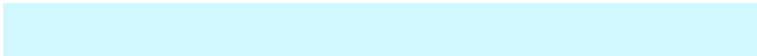
88.7551, 0.3405, 0.3578

Rectangle

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



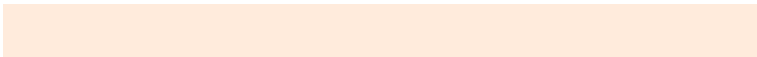
88.7551, 0.2921, 0.3395



88.7551, 0.2789, 0.3131



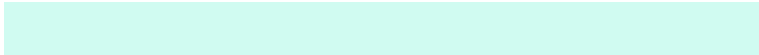
88.7551, 0.3334, 0.3186



88.7551, 0.3478, 0.3434

Sweetspot

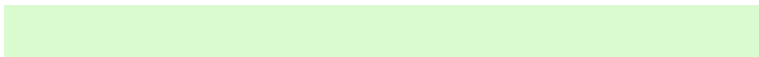
The Sweet Spot groups the original color and five complimentary colors.



88.7588, 0.2921, 0.3395



97.4717, 0.3066, 0.3319



88.4626, 0.3169, 0.3749



20.7897, 0.3057, 0.3323



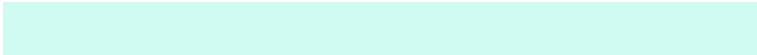
0.0000, 0.0000, 0.0000



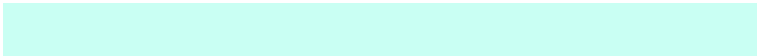
21.4041, 0.3127, 0.3290

Same Dimension

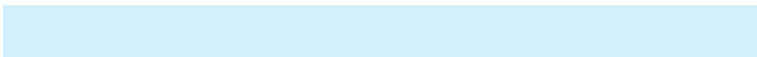
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.7588, 0.2921, 0.3395



90.4423, 0.2877, 0.3421



82.4060, 0.2861, 0.3168



19.5353, 0.3011, 0.3346



38.3025, 0.2461, 0.4058



3.5636, 0.2432, 0.3955

Inverse Universe

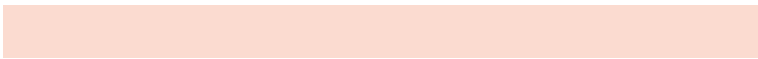
The Inverse Universe completely reimagines the original color for something new.



70.6378, 0.3383, 0.3188



68.0947, 0.3455, 0.3164



75.9374, 0.3439, 0.3409



17.2915, 0.3257, 0.3235



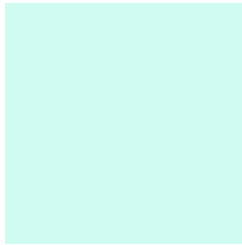
10.9621, 0.5985, 0.3071



1.0309, 0.5658, 0.2891

Previews

White Background



This preview shows how the Yxy color 88.7551, 0.2921, 0.3395 looks on a white background.

Color Contrast Check

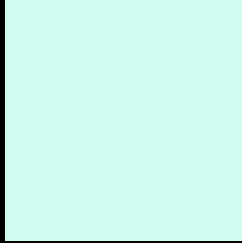
Large Text (above 18pt) WCAG AA × Fail

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 88.7551, 0.2921, 0.3395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

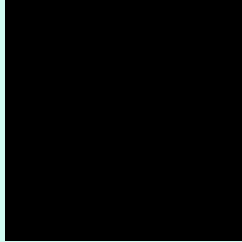
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

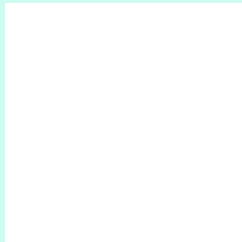
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.7551, 0.2921, 0.3395

Background



This preview shows how black text looks on a background with the Yxy color 88.7551, 0.2921, 0.3395.

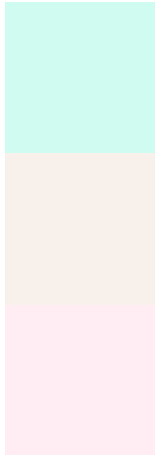


This preview shows how white text looks on a background with the Yxy color 88.7551, 0.2921, 0.3395.

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

88.7551, 0.2921, 0.3395

Protanopia

88.0925, 0.3204, 0.3340

Deuteranopia

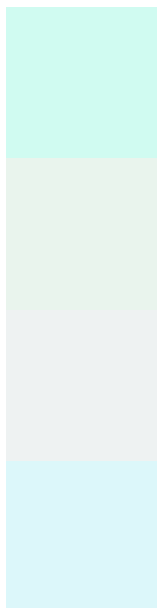
88.2994, 0.3210, 0.3232



Tritanopia

88.2523, 0.2956, 0.3179

Trichromacy



Original Color

88.7551, 0.2921, 0.3395

Protanomaly

88.1394, 0.3098, 0.3361

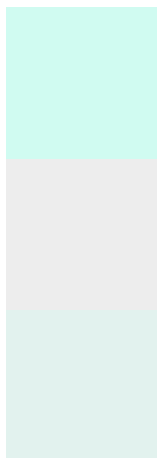
Deuteranomaly

88.0922, 0.3101, 0.3290

Tritanomaly

88.6393, 0.2942, 0.3259

Monochromacy



Original Color

88.7551, 0.2921, 0.3395

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

85.8461, 0.3048, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.7551, 0.2921, 0.3395 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(208, 251, 241)` looks like.

```
.text, #text, p{  
    color:rgb(208, 251, 241)  
}
```

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(208, 251, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 251, 241) }
```

Border

The CSS property to change the border of an element to Yxy 88.7551, 0.2921, 0.3395 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(208, 251, 241) }
```

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

```
.border{ border-color:rgb(208, 251, 241) }
```

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

Here you see how a box with a 4 pixel rgb(208, 251, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 251, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 251, 241);  
box-shadow:4px 4px 4px 4px rgb(208, 251,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 88.7551, 0.2921, 0.3395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 251, 241) }
```

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

```
.background{ background-color: rgb(208,  
251, 241) }
```

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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