

Converting Colors

Yxy(100.4662, 0.2867, 0.3555)

Have a look what the booklet for
Yxy(100.4662, 0.2867, 0.3555)
contains.

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Color

Yxy(90.3919, 0.2856, 0.3395)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | C8FFF5 |
| RGB | 200, 255, 245 |
| RGB Percent | 78%, 100%, 96% |
| CMY | 0.2160, 0.0000, 0.0393 |
| CMYK | 0.22, 0.00, 0.04, 0.00 |
| HSL | 169°, 100%, 89% |
| HSV | 169°, 22%, 100% |
| XYZ | 76.0410, 90.3919, 99.8172 |
| YIQ | 237.4150, -29.5700, -14.7700 |

Conversions

Conversions Part 2

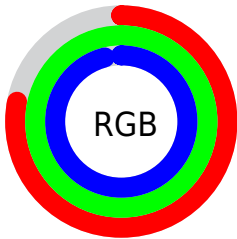
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 200, 230, 255 |
| Decimal | 13172725 |
| CIE _{Lab} | 96.16, -19.28, -0.91 |
| CIE _{LCh} | 96, 19.300, 182.702 |
| Yxy | 90.3919, 0.2856, 0.3395 |
| Android (android.graphics.Color) | 4291362805 (0xFFC8FFF5) |
| YUV | 237.4150, 3.7394, -32.8130 |
| Hunter-Lab | 95.0747, -23.6158, 4.3048 |

Details

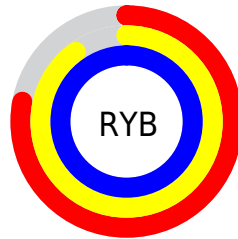
The Yxy color **90.3919, 0.2856, 0.3395** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.1756, 0.3488, 0.3188**, and the grayscale version is **84.9887, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.0820, 0.2797, 0.3412** is the 20% darker color. If you saturate the color by 10%, you get **86.8783, 0.2744, 0.3450**, and if you desaturate by 10%, it is **94.4720, 0.2978, 0.3344**.

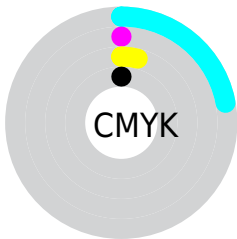
Distribution



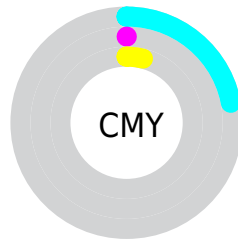
- Red (78%)
- Green (100%)
- Blue (96%)



- Red (78%)
- Yellow (90%)
- Blue (100%)



- Cyan (22%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (22%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.3919, 0.2856, 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 90.3919, 0.2856, 0.3395 by changing the saturation by 10% instead.

 90.3919, 0.2856,
0.3395

 90.3919, 0.2856,
0.3395


529.3049, 0.2976,
0.3349

 68.3057, 0.2830,
0.3405


147.8826, 0.2897,
0.3379

 50.1465, 0.2798,
0.3417


184.0560, 0.2913,
0.3373

 35.5298, 0.2758,
0.3432


225.6939, 0.2927,
0.3368

 24.0713, 0.2708,
0.3451

273.1807, 0.2939,
0.3363

 15.3865, 0.2641,
0.3476

326.9008, 0.2950,
0.3359

 9.0911, 0.2550,
0.3511

387.2386, 0.2960,

 4.8006, 0.2417,

0.3355

454.5785, 0.2968,
0.3352

0.3560

2.1308, 0.2206,
0.3637

0.6818, 0.1066,
0.4094

90.3919, 0.2856,
0.3395

90.3919, 0.2856,
0.3395

86.8783, 0.2744,
0.3450

94.4720, 0.2978,
0.3344


83.9412, 0.2644,
0.3509


99.1846, 0.3106,
0.3297


81.5359, 0.2559,
0.3572

100.0000, 0.3127,
0.3290

79.6279, 0.2492,
0.3636

 78.1781, 0.2445,
0.3702

 77.1420, 0.2417,
0.3769

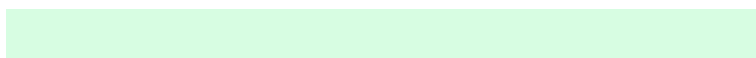
 76.4658, 0.2409,
0.3835

 76.1072, 0.2414,
0.3890

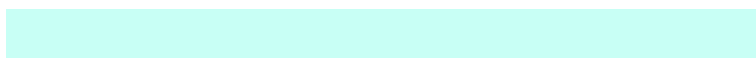
Harmonies

Analogous

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



90.3919, 0.3047, 0.3573



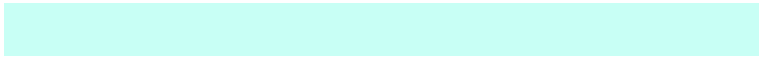
90.3919, 0.2856, 0.3395



90.3919, 0.2739, 0.3192

Triad

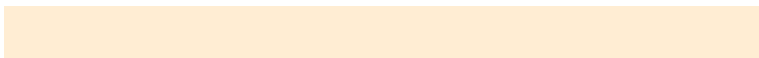
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.3919, 0.2856, 0.3395



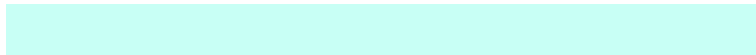
90.3919, 0.2980, 0.2941



90.3919, 0.3549, 0.3536

Complementary

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



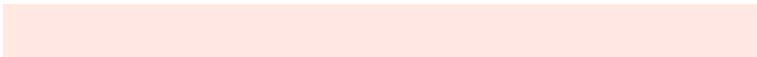
90.3919, 0.2856, 0.3395



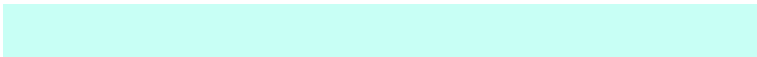
67.1756, 0.3488, 0.3188

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.



90.3919, 0.3532, 0.3365



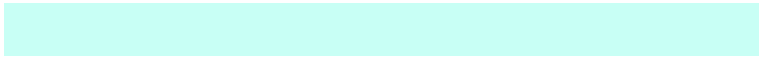
90.3919, 0.2856, 0.3395



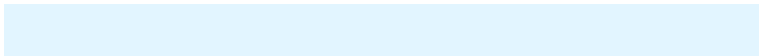
90.3919, 0.3197, 0.3030

Square

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



90.3919, 0.2856, 0.3395



90.3919, 0.2808, 0.2938



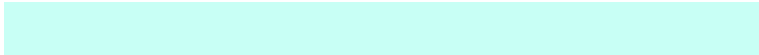
90.3919, 0.3401, 0.3182



90.3919, 0.3450, 0.3650

Rectangle

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



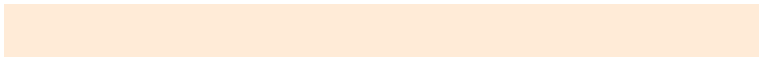
90.3919, 0.2856, 0.3395



90.3919, 0.2715, 0.3075



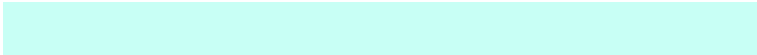
90.3919, 0.3401, 0.3182



90.3919, 0.3557, 0.3484

Sweetspot

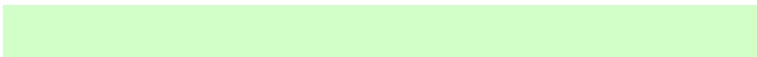
The Sweet Spot groups the original color and five complimentary colors.



90.3789, 0.2856, 0.3395



97.0351, 0.3049, 0.3317



89.3889, 0.3161, 0.3884



20.7034, 0.3041, 0.3320



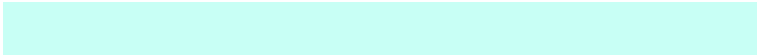
0.0000, 0.0000, 0.0000



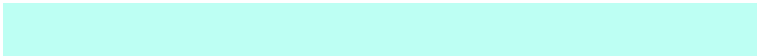
21.4041, 0.3127, 0.3290

Same Dimension

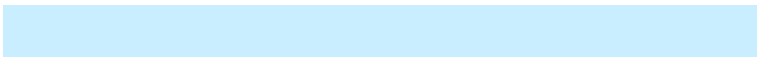
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.3789, 0.2856, 0.3395



88.7688, 0.2805, 0.3419



80.3769, 0.2791, 0.3104



20.4215, 0.3004, 0.3333



39.7881, 0.2411, 0.3879



3.8881, 0.2390, 0.3804

Inverse Universe

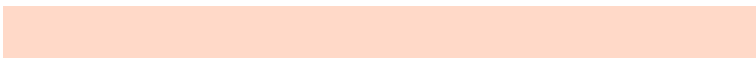
The Inverse Universe completely reimagines the original color for something new.



67.1756, 0.3488, 0.3188



61.7313, 0.3585, 0.3167



75.2346, 0.3530, 0.3469



18.0410, 0.3266, 0.3247



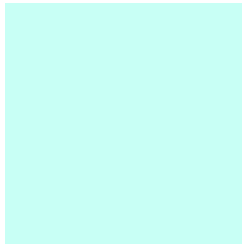
11.2287, 0.6126, 0.3149



1.1072, 0.5838, 0.2990

Previews

White Background



This preview shows how the Yxy color 90.3919, 0.2856, 0.3395 looks on a white background.

Color Contrast Check

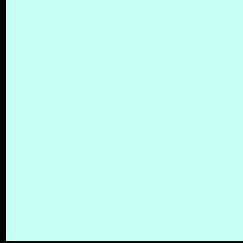
Large Text (above 18pt) WCAG AA × Fail

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 90.3919, 0.2856, 0.3395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

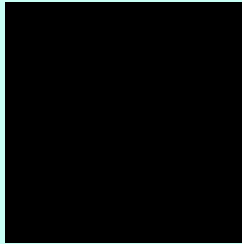
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 90.3919, 0.2856, 0.3395

Background



This preview shows how black text looks on a background with the Yxy color 90.3919, 0.2856, 0.3395.

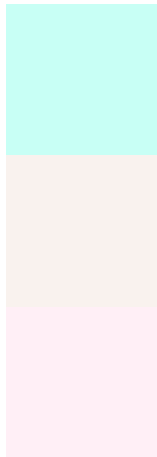


This preview shows how white text looks on a background with the Yxy color 90.3919, 0.2856, 0.3395.

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

90.3919, 0.2856, 0.3395

Protanopia

89.8170, 0.3197, 0.3330

Deuteranopia

89.6468, 0.3190, 0.3222



Tritanopia

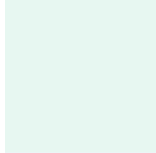
89.7895, 0.2969, 0.3199

Trichromacy



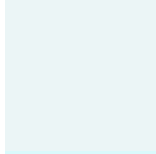
Original Color

90.3919, 0.2856, 0.3395



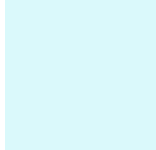
Protanomaly

89.8613, 0.3061, 0.3351



Deuteranomaly

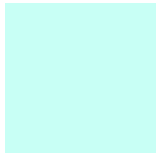
89.6208, 0.3058, 0.3280



Tritanomaly

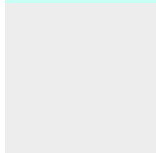
89.6218, 0.2925, 0.3269

Monochromacy



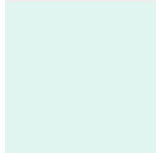
Original Color

90.3919, 0.2856, 0.3395



Achromatopsia

84.6873, 0.3127, 0.3290



Achromatomaly

86.8399, 0.3023, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.3919, 0.2856, 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(200, 255, 245)` looks like.

```
.text, #text, p{  
    color:rgb(200, 255, 245)  
}
```

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(200, 255, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 255, 245) }
```

Border

The CSS property to change the border of an element to Yxy 90.3919, 0.2856, 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(200, 255, 245) }
```

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

```
.border{ border-color:rgb(200, 255, 245) }
```

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

Here you see how a box with a 4 pixel rgb(200, 255, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 255, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 255, 245);  
box-shadow:4px 4px 4px 4px rgb(200, 255,  
245) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 90.3919, 0.2856, 0.3395$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 255, 245) }
```

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

```
.background{ background-color: rgb(200,  
255, 245) }
```

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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