

Converting Colors

$Yxy(88.4198, 0.2924, 0.3611)$

Have a look what the booklet for
Yxy(88.4198, 0.2924, 0.3611)
contains.

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Color

Yxy(88.4256, 0.2928, 0.3616)

Conversions

Conversions Part 1

Format	Color
Hex	C2FFE1
RGB	194, 255, 225
RGB Percent	76%, 100%, 88%
CMY	0.2391, 0.0000, 0.1177
CMYK	0.24, 0.00, 0.12, 0.00
HSL	150°, 100%, 88%
HSV	150°, 24%, 100%
XYZ	71.6013, 88.4256, 84.5130
YIQ	233.3410, -26.7260, -22.2620

Conversions

Conversions Part 2

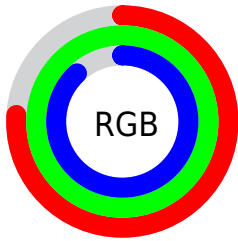
Format	Color
RYB	194, 234, 255
Decimal	12779489
CIELab	95.34, -24.96, 8.16
CIELCh	95, 26.264, 161.892
Yxy	88.4256, 0.2928, 0.3616
Android (android.graphics.Color)	4290969569 (0xFFC2FFE1)
YUV	233.3410, -4.1121, -34.5021
Hunter-Lab	94.0349, -28.6453, 12.5381

Details

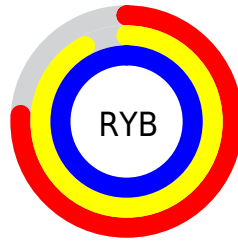
The Yxy color **88.4256, 0.2928, 0.3616** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.2402, 0.3387, 0.2986**, and the grayscale version is **81.8065, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **48.7794, 0.2879, 0.3687** is the 20% darker color. If you saturate the color by 10%, you get **84.6778, 0.2853, 0.3777**, and if you desaturate by 10%, it is **92.8078, 0.3009, 0.3469**.

Distribution



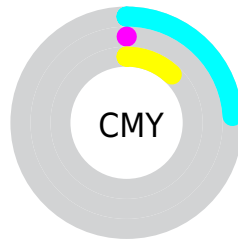
- Red (76%)
- Green (100%)
- Blue (88%)



- Red (76%)
- Yellow (92%)
- Blue (100%)



- Cyan (24%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)




- Cyan (24%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.4256, 0.2928, 0.3616 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 88.4256, 0.2928, 0.3616 by changing the saturation by 10% instead.


 88.4256, 0.2928,
0.3616

 88.4256, 0.2928,
0.3616


522.8960, 0.3019,
0.3467

 66.6756, 0.2908,
0.3650


 145.1495, 0.2959,
0.3564

 48.8210, 0.2883,
0.3691


180.8923, 0.2971,
0.3544

 34.4775, 0.2851,
0.3744


222.0680, 0.2982,
0.3527

 23.2607, 0.2810,
0.3812

269.0612, 0.2991,
0.3512

 14.7861, 0.2756,
0.3904

322.2562, 0.2999,
0.3499

 8.6694, 0.2678,
0.4035

382.0374, 0.3007,

 4.5262, 0.2561,

0.3487

0.4237

448.7892, 0.3013,
0.3476

1.9720, 0.2361,
0.4585

0.5912, 0.0000,
0.8901

88.4256, 0.2928,
0.3616

88.4256, 0.2928,
0.3616

84.6778, 0.2853,
0.3777

92.8078, 0.3009,
0.3469


81.5262, 0.2787,
0.3952


97.8452, 0.3094,
0.3338


78.9400, 0.2734,
0.4138


100.0000, 0.3127,
0.3290

76.8825, 0.2698,
0.4331

 75.3127, 0.2680,
0.4527

 74.1828, 0.2682,
0.4721

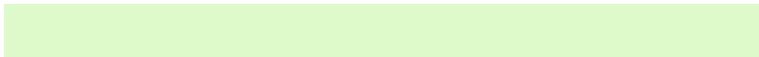
 73.4350, 0.2705,
0.4907

 73.1170, 0.2726,
0.5014

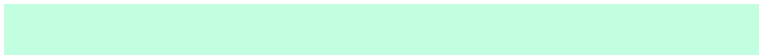
Harmonies

Analogous

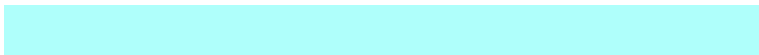
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.4256, 0.3221, 0.3789



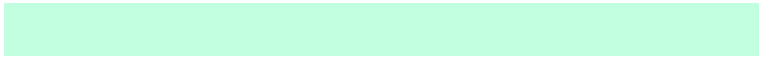
88.4256, 0.2928, 0.3616



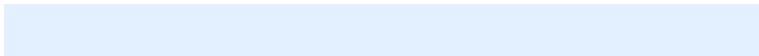
88.4256, 0.2696, 0.3345

Triad

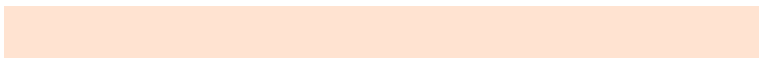
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.4256, 0.2928, 0.3616



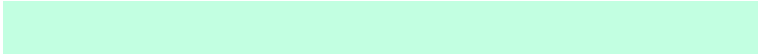
88.4256, 0.2753, 0.2801



88.4256, 0.3710, 0.3462

Complementary

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



88.4256, 0.2928, 0.3616



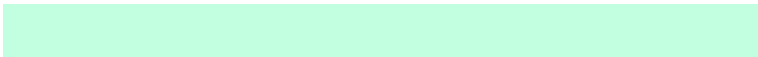
65.2402, 0.3387, 0.2986

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.



88.4256, 0.3573, 0.3215



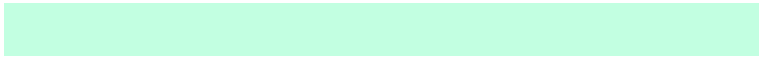
88.4256, 0.2928, 0.3616



88.4256, 0.3011, 0.2845

Square

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



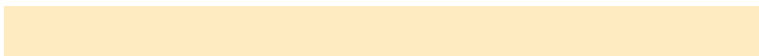
88.4256, 0.2928, 0.3616



88.4256, 0.2599, 0.2879



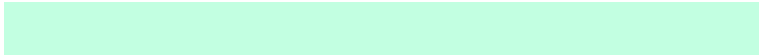
88.4256, 0.3313, 0.2994



88.4256, 0.3680, 0.3681

Rectangle

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



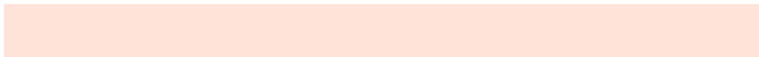
88.4256, 0.2928, 0.3616



88.4256, 0.2602, 0.3158



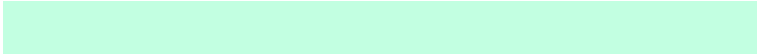
88.4256, 0.3313, 0.2994



88.4256, 0.3682, 0.3380

Sweetspot

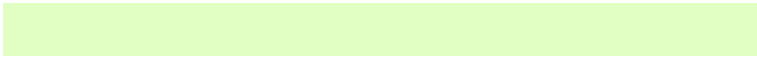
The Sweet Spot groups the original color and five complimentary colors.



88.4282, 0.2928, 0.3616



96.2172, 0.3067, 0.3377



91.3458, 0.3287, 0.3930



20.5280, 0.3062, 0.3385



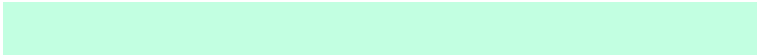
0.0000, 0.0000, 0.0000



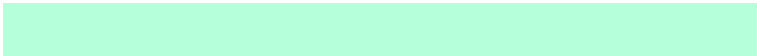
21.4041, 0.3127, 0.3290

Same Dimension

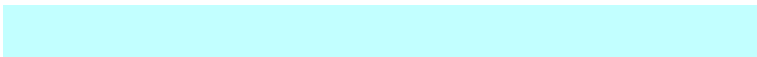
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.4282, 0.2928, 0.3616



86.4428, 0.2889, 0.3696



90.2130, 0.2773, 0.3289



20.3221, 0.3046, 0.3409



38.2355, 0.2718, 0.4985



3.7449, 0.2661, 0.4779

Inverse Universe

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



65.2402, 0.3387, 0.2986



59.3617, 0.3459, 0.2918



63.7521, 0.3628, 0.3291



18.1362, 0.3217, 0.3174



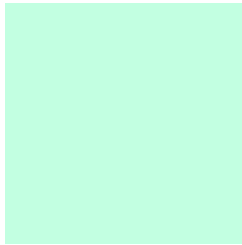
11.9198, 0.4997, 0.2526



1.1826, 0.4738, 0.2384

Previews

White Background



This preview shows how the Yxy color 88.4256, 0.2928, 0.3616 looks on a white background.

Color Contrast Check

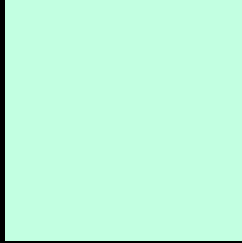
Large Text (above 18pt) WCAG AA × Fail

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 88.4256, 0.2928, 0.3616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

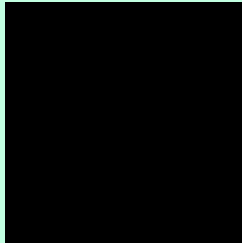
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

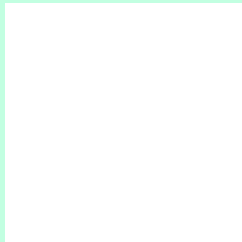
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.4256, 0.2928, 0.3616

Background



This preview shows how black text looks on a background with the Yxy color 88.4256, 0.2928, 0.3616.

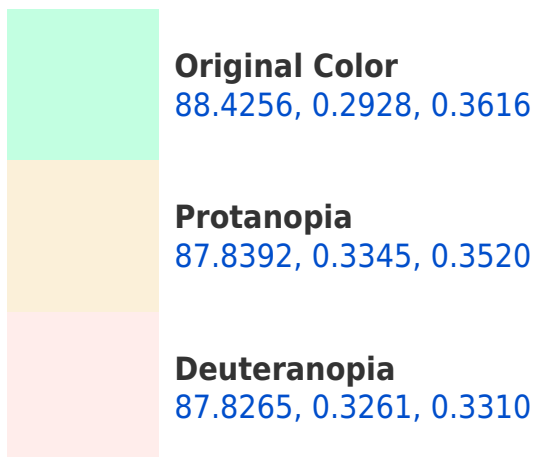


This preview shows how white text looks on a background with the Yxy color 88.4256, 0.2928, 0.3616.

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





Tritanopia

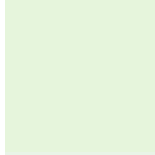
88.2128, 0.2932, 0.3188

Trichromacy



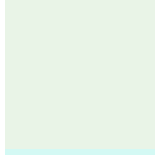
Original Color

88.4256, 0.2928, 0.3616



Protanomaly

87.2951, 0.3180, 0.3549



Deuteranomaly

87.7945, 0.3134, 0.3423



Tritanomaly

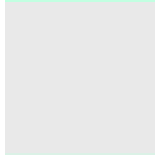
88.2801, 0.2928, 0.3342

Monochromacy



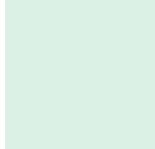
Original Color

88.4256, 0.2928, 0.3616



Achromatopsia

81.4847, 0.3127, 0.3290



Achromatomaly

83.6838, 0.3051, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.4256, 0.2928, 0.3616 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(194, 255, 225)` looks like.

```
.text, #text, p{  
    color:rgb(194, 255, 225)  
}
```

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(194, 255, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 255, 225) }
```

Border

The CSS property to change the border of an element to Yxy 88.4256, 0.2928, 0.3616 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(194, 255, 225) }
```

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

```
.border{ border-color:rgb(194, 255, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 255, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 255, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 255, 225);  
box-shadow:4px 4px 4px 4px rgb(194, 255,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 88.4256, 0.2928, 0.3616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 255, 225) }
```

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

```
.background{ background-color: rgb(194,  
255, 225) }
```

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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