

Converting Colors

$Yxy(88.3258, 0.2832, 0.3484)$

Have a look what the booklet for
Yxy(88.3258, 0.2832, 0.3484)
contains.

| | |
|---|----|
| Yxy(88.3258, 0.2832, 0.3484) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(88.3258, 0.2832, 0.3484)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | BCFFED |
| RGB | 188, 255, 237 |
| RGB Percent | 74%, 100%, 93% |
| CMY | 0.2625, 0.0000, 0.0705 |
| CMYK | 0.26, 0.00, 0.07, 0.00 |
| HSL | 164°, 100%, 87% |
| HSV | 164°, 26%, 100% |
| XYZ | 71.7964, 88.3258, 93.3962 |
| YIQ | 232.9150, -34.1540, -19.8020 |

Conversions

Conversions Part 2

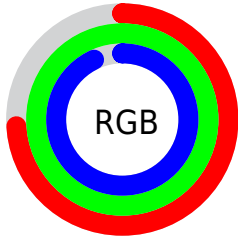
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 188, 227, 255 |
| Decimal | 12386285 |
| CIELab | 95.30, -24.37, 1.86 |
| CIElCh | 95, 24.440, 175.626 |
| Yxy | 88.3258, 0.2832, 0.3484 |
| Android (android.graphics.Color) | 4290576365 (0xFFBCFFED) |
| YUV | 232.9150, 2.0139, -39.3905 |
| Hunter-Lab | 93.9818, -28.1050, 6.8667 |

Details

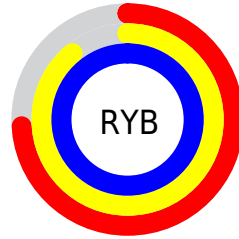
The Yxy color **88.3258, 0.2832, 0.3484** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.7066, 0.3542, 0.3106**, and the grayscale version is **81.4327, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **48.7109, 0.2768, 0.3529** is the 20% darker color. If you saturate the color by 10%, you get **84.9780, 0.2734, 0.3570**, and if you desaturate by 10%, it is **92.2683, 0.2939, 0.3404**.

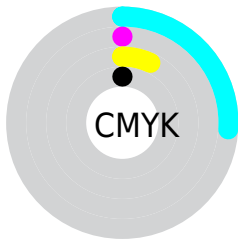
Distribution



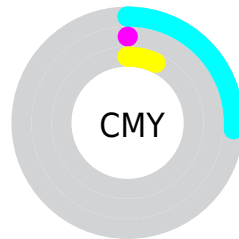
- Red (74%)
- Green (100%)
- Blue (93%)



- Red (74%)
- Yellow (89%)
- Blue (100%)



- Cyan (26%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (26%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.3258, 0.2832, 0.3484 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 88.3258, 0.2832, 0.3484 by changing the saturation by 10% instead.


 88.3258, 0.2832,
0.3484

 88.3258, 0.2832,
0.3484

522.5696, 0.2964,
0.3397

 66.5929, 0.2803,
0.3503


 145.0107, 0.2877,
0.3454

 48.7539, 0.2767,
0.3527

180.7314, 0.2895,
0.3442

 34.4243, 0.2723,
0.3557


221.8836, 0.2910,
0.3432

 23.2197, 0.2667,
0.3595

268.8516, 0.2924,
0.3423

 14.7558, 0.2592,
0.3645

322.0198, 0.2935,
0.3416

 8.6482, 0.2488,
0.3716

381.7726, 0.2946,

 4.5124, 0.2335,

0.3409

0.3822

448.4944, 0.2956,
0.3402

1.9641, 0.2089,
0.3996

0.5865, 0.0000,
0.5357

88.3258, 0.2832,
0.3484

88.3258, 0.2832,
0.3484

84.9780, 0.2734,
0.3570

92.2683, 0.2939,
0.3404

82.1838, 0.2649,
0.3662


96.8227, 0.3054,
0.3332


79.9137, 0.2580,
0.3759

99.9957, 0.3127,
0.3290

78.1312, 0.2529,
0.3860

 76.7949, 0.2497,
0.3962

 75.8562, 0.2487,
0.4064

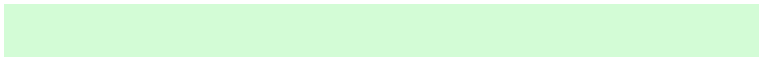
 75.2549, 0.2495,
0.4165

 75.0826, 0.2501,
0.4203

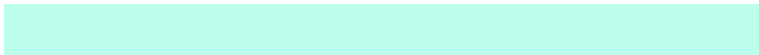
Harmonies

Analogous

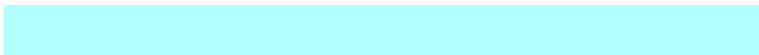
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.3258, 0.3088, 0.3696



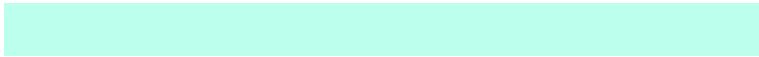
88.3258, 0.2832, 0.3484



88.3258, 0.2659, 0.3221

Triad

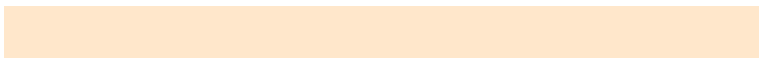
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.3258, 0.2832, 0.3484



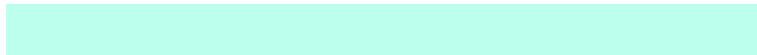
88.3258, 0.2880, 0.2838



88.3258, 0.3676, 0.3552

Complementary

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



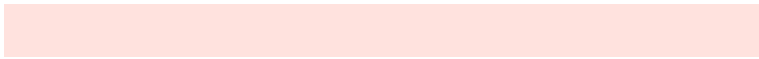
88.3258, 0.2832, 0.3484



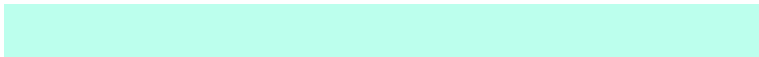
61.7066, 0.3542, 0.3106

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.



88.3258, 0.3618, 0.3326



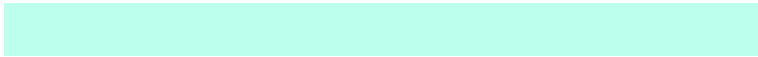
88.3258, 0.2832, 0.3484



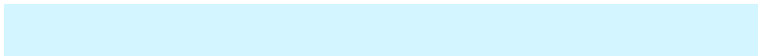
88.3258, 0.3148, 0.2927

Square

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



88.3258, 0.2832, 0.3484



88.3258, 0.2686, 0.2859



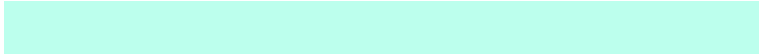
88.3258, 0.3421, 0.3102



88.3258, 0.3580, 0.3723

Rectangle

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



88.3258, 0.2832, 0.3484



88.3258, 0.2610, 0.3061



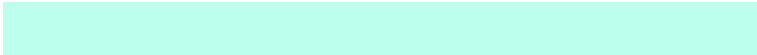
88.3258, 0.3421, 0.3102



88.3258, 0.3674, 0.3480

Sweetspot

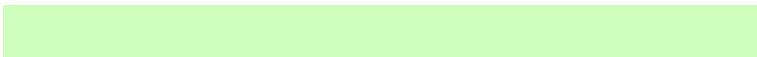
The Sweet Spot groups the original color and five complimentary colors.



88.3294, 0.2832, 0.3484



95.9863, 0.3033, 0.3344



88.4173, 0.3209, 0.4020



20.3933, 0.3016, 0.3355



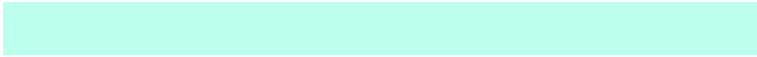
0.0000, 0.0000, 0.0000



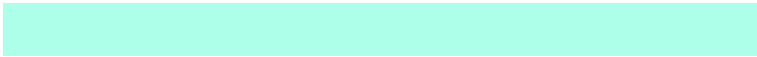
21.4041, 0.3127, 0.3290

Same Dimension

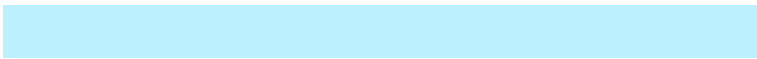
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.3294, 0.2832, 0.3484



86.3380, 0.2774, 0.3533



80.5270, 0.2727, 0.3132



20.3933, 0.3016, 0.3355



39.2609, 0.2496, 0.4186



3.8409, 0.2464, 0.4071

Inverse Universe

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



61.7066, 0.3542, 0.3106



55.2552, 0.3667, 0.3063



67.3956, 0.3655, 0.3442



18.0672, 0.3252, 0.3226



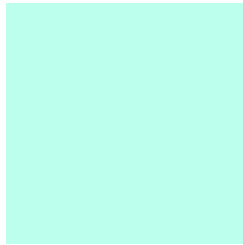
11.3510, 0.5876, 0.3011



1.1225, 0.5558, 0.2835

Previews

White Background



This preview shows how the Yxy color 88.3258, 0.2832, 0.3484 looks on a white background.

Color Contrast Check

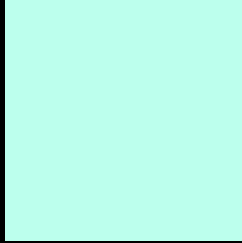
Large Text (above 18pt) WCAG AA × Fail

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 88.3258, 0.2832, 0.3484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

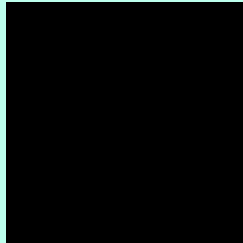
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

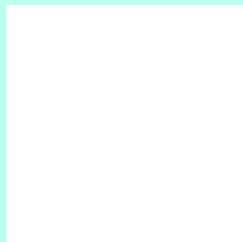
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.3258, 0.2832, 0.3484

Background



This preview shows how black text looks on a background with the Yxy color 88.3258, 0.2832, 0.3484.

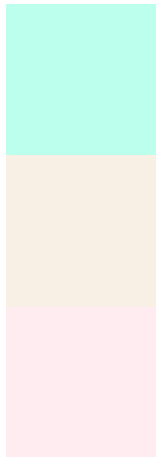


This preview shows how white text looks on a background with the Yxy color 88.3258, 0.2832, 0.3484.

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

88.3258, 0.2832, 0.3484

Protanopia

87.8781, 0.3255, 0.3410

Deuteranopia

87.6018, 0.3223, 0.3241



Tritanopia

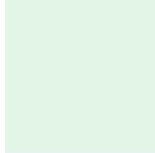
87.8970, 0.2920, 0.3188

Trichromacy



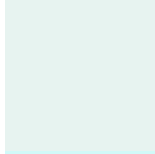
Original Color

88.3258, 0.2832, 0.3484



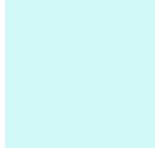
Protanomaly

87.2431, 0.3088, 0.3435



Deuteranomaly

87.3814, 0.3068, 0.3320



Tritanomaly

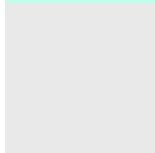
88.0840, 0.2889, 0.3300

Monochromacy



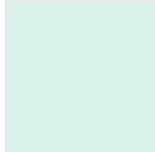
Original Color

88.3258, 0.2832, 0.3484



Achromatopsia

81.4847, 0.3127, 0.3290



Achromatomaly

83.6028, 0.3014, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.3258, 0.2832, 0.3484 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(188, 255, 237)` looks like.

```
.text, #text, p{  
    color:rgb(188, 255, 237)  
}
```

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(188, 255, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 255, 237) }
```

Border

The CSS property to change the border of an element to Yxy 88.3258, 0.2832, 0.3484 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(188, 255, 237) }
```

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

```
.border{ border-color:rgb(188, 255, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 255, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 255, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 255, 237);  
box-shadow:4px 4px 4px 4px rgb(188, 255,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 88.3258, 0.2832, 0.3484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 255, 237) }
```

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

```
.background{ background-color: rgb(188,  
255, 237) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor