

Converting Colors

$Yxy(88.9250, 0.2834, 0.3450)$

Have a look what the booklet for
Yxy(88.9250, 0.2834, 0.3450)
contains.

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Color

Yxy(88.8876, 0.2833, 0.3450)

Conversions

Conversions Part 1

Format	Color
Hex	BFFFF0
RGB	191, 255, 240
RGB Percent	75%, 100%, 94%
CMY	0.2507, 0.0000, 0.0587
CMYK	0.25, 0.00, 0.06, 0.00
HSL	166°, 100%, 87%
HSV	166°, 25%, 100%
XYZ	72.9909, 88.8876, 95.7667
YIQ	234.1540, -33.3290, -18.2330

Conversions

Conversions Part 2

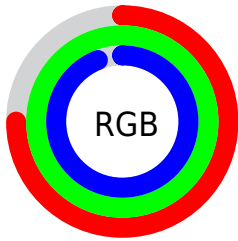
Format	Color
R _Y B	191, 227, 255
Decimal	12582896
CIE Lab	95.53, -22.87, 0.68
CIE LCh	96, 22.883, 178.308
Yxy	88.8876, 0.2833, 0.3450
Android (android.graphics.Color)	4290772976 (0xFFBFFF0)
YUV	234.1540, 2.8821, -37.8461
Hunter-Lab	94.2802, -26.7973, 5.7713

Details

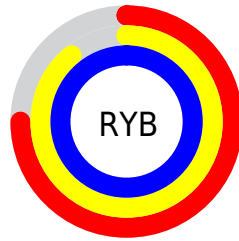
The Yxy color **88.8876, 0.2833, 0.3450** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.0113, 0.3536, 0.3137**, and the grayscale version is **82.4130, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **49.0831, 0.2769, 0.3485** is the 20% darker color. If you saturate the color by 10%, you get **85.5173, 0.2730, 0.3524**, and if you desaturate by 10%, it is **92.8524, 0.2946, 0.3382**.

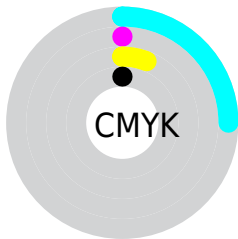
Distribution



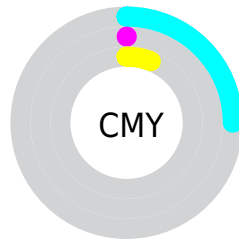
- Red (75%)
- Green (100%)
- Blue (94%)



- Red (75%)
- Yellow (89%)
- Blue (100%)



- Cyan (25%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)




- Cyan (25%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.8876, 0.2833, 0.3450 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 88.8876, 0.2833, 0.3450 by changing the saturation by 10% instead.


 88.8876, 0.2833,
0.3450

 88.8876, 0.2833,
0.3450

524.4056, 0.2964,
0.3379

 67.0584, 0.2804,
0.3466

 145.7923, 0.2878,
0.3426

 49.1321, 0.2769,
0.3485


181.6365, 0.2895,
0.3416

 34.7243, 0.2725,
0.3509


222.9212, 0.2910,
0.3408

 23.4506, 0.2670,
0.3539

270.0308, 0.2924,
0.3400

 14.9265, 0.2596,
0.3580

323.3496, 0.2936,
0.3394

 8.7679, 0.2495,
0.3636

383.2621, 0.2946,

 4.5901, 0.2346,

0.3388

0.3719

450.1526, 0.2956,
0.3383

■ 2.0088, 0.2107,
0.3853

■ 0.6126, 0.0190,
0.4876

■ 88.8876, 0.2833,
0.3450

■ 88.8876, 0.2833,
0.3450

■ 85.5173, 0.2730,
0.3524

■ 92.8524, 0.2946,
0.3382

■ 82.7007, 0.2640,
0.3603

■ 97.4286, 0.3065,
0.3319

■ 80.4088, 0.2566,
0.3686

■ 99.9920, 0.3127,
0.3290

■ 78.6055, 0.2510,
0.3772

■ 77.2501, 0.2473,
0.3860

■ 76.2954, 0.2457,
0.3948

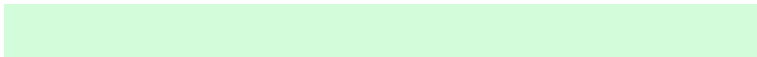
■ 75.6828, 0.2460,
0.4035

■ 75.4654, 0.2466,
0.4078

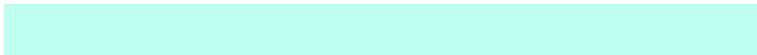
Harmonies

Analogous

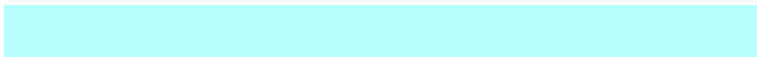
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.8876, 0.3068, 0.3654



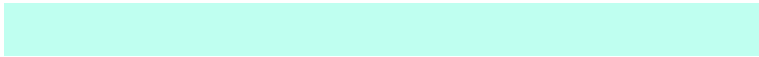
88.8876, 0.2833, 0.3450



88.8876, 0.2680, 0.3205

Triad

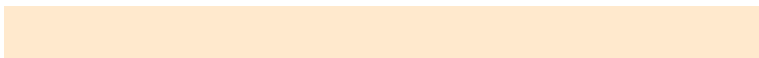
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.8876, 0.2833, 0.3450



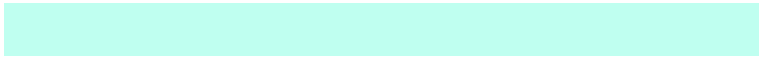
88.8876, 0.2917, 0.2870



88.8876, 0.3637, 0.3554

Complementary

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



88.8876, 0.2833, 0.3450



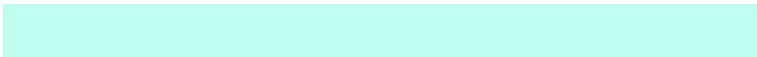
63.0113, 0.3536, 0.3137

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.



88.8876, 0.3596, 0.3345



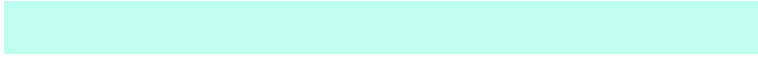
88.8876, 0.2833, 0.3450



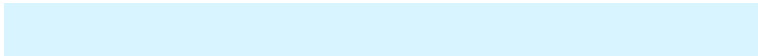
88.8876, 0.3171, 0.2961

Square

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



88.8876, 0.2833, 0.3450



88.8876, 0.2726, 0.2880



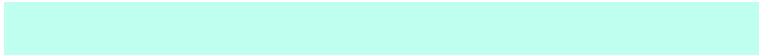
88.8876, 0.3422, 0.3132



88.8876, 0.3536, 0.3705

Rectangle

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



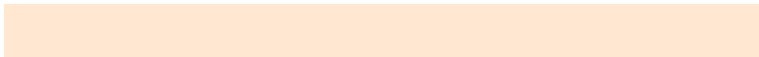
88.8876, 0.2833, 0.3450



88.8876, 0.2640, 0.3059



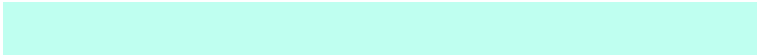
88.8876, 0.3422, 0.3132



88.8876, 0.3640, 0.3488

Sweetspot

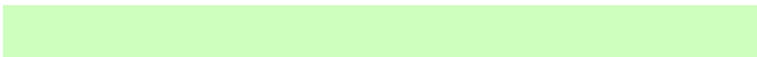
The Sweet Spot groups the original color and five complimentary colors.



88.8912, 0.2833, 0.3450



96.0304, 0.3029, 0.3337



88.5503, 0.3192, 0.3986



20.4044, 0.3011, 0.3346



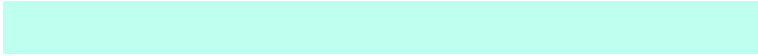
0.0000, 0.0000, 0.0000



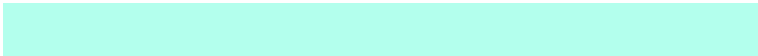
21.4041, 0.3127, 0.3290

Same Dimension

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



88.8912, 0.2833, 0.3450



87.1640, 0.2781, 0.3486



80.0445, 0.2742, 0.3117



20.4044, 0.3011, 0.3346



39.4609, 0.2462, 0.4063



3.8589, 0.2434, 0.3964

Inverse Universe

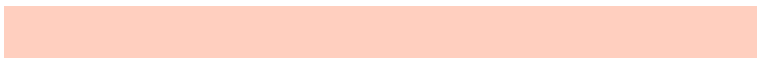
The Inverse Universe completely reimagines the original color for something new.



63.0113, 0.3536, 0.3137



57.3043, 0.3645, 0.3105



69.6750, 0.3620, 0.3456



18.0568, 0.3257, 0.3235



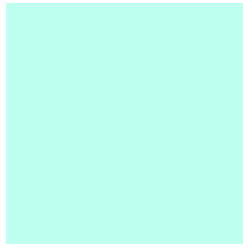
11.2965, 0.5984, 0.3070



1.1159, 0.5674, 0.2899

Previews

White Background



This preview shows how the Yxy color 88.8876, 0.2833, 0.3450 looks on a white background.

Color Contrast Check

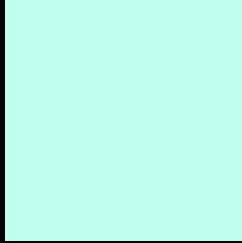
Large Text (above 18pt) WCAG AA × Fail

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 88.8876, 0.2833, 0.3450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

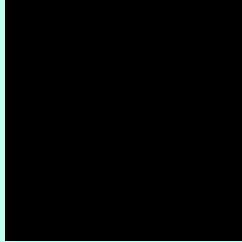
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

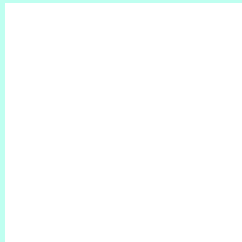
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.8876, 0.2833, 0.3450

Background



This preview shows how black text looks on a background with the Yxy color 88.8876, 0.2833, 0.3450.

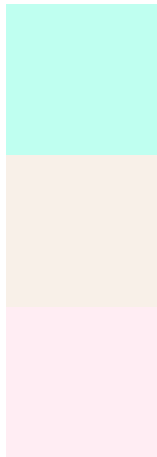


This preview shows how white text looks on a background with the Yxy color 88.8876, 0.2833, 0.3450.

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

88.8876, 0.2833, 0.3450

Protanopia

88.1028, 0.3230, 0.3370

Deuteranopia

88.2994, 0.3210, 0.3232



Tritanopia

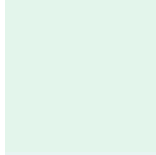
88.8195, 0.2932, 0.3198

Trichromacy



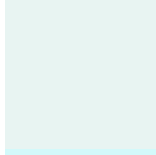
Original Color

88.8876, 0.2833, 0.3450



Protanomaly

87.6339, 0.3071, 0.3393



Deuteranomaly

88.2680, 0.3062, 0.3310



Tritanomaly

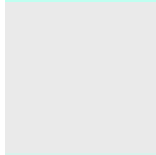
88.5024, 0.2890, 0.3279

Monochromacy



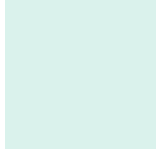
Original Color

88.8876, 0.2833, 0.3450



Achromatopsia

82.2786, 0.3127, 0.3290



Achromatomaly

84.4658, 0.3009, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.8876, 0.2833, 0.3450 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(191, 255, 240)` looks like.

```
.text, #text, p{  
    color:rgb(191, 255, 240)  
}
```

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(191, 255, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 255, 240) }
```

Border

The CSS property to change the border of an element to Yxy 88.8876, 0.2833, 0.3450 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(191, 255, 240) }
```

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

```
.border{ border-color:rgb(191, 255, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 255, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 255, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 255, 240);  
box-shadow:4px 4px 4px 4px rgb(191, 255,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 88.8876, 0.2833, 0.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 255, 240) }
```

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

```
.background{ background-color: rgb(191,  
255, 240) }
```

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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