

Converting Colors

$Yxy(88.8177, 0.2797, 0.3310)$

Have a look what the booklet for
Yxy(88.8177, 0.2797, 0.3310)
contains.

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Color

Yxy(88.8177, 0.2797, 0.3310)

Conversions

Conversions Part 1

Format	Color
Hex	C3FDFB
RGB	195, 253, 251
RGB Percent	76%, 99%, 98%
CMY	0.2351, 0.0079, 0.0156
CMYK	0.23, 0.00, 0.01, 0.01
HSL	178°, 94%, 88%
HSV	178°, 23%, 99%
XYZ	75.0523, 88.8177, 104.4614
YIQ	235.4300, -33.9260, -12.9180

Conversions

Conversions Part 2

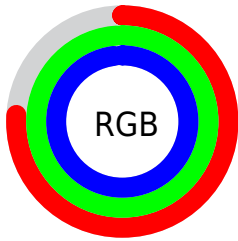
Format	Color
R _Y B	195, 225, 253
Decimal	12844539
CIE Lab	95.50, -18.48, -5.01
CIE LCh	96, 19.143, 195.162
Yxy	88.8177, 0.2797, 0.3310
Android (android.graphics.Color)	4291034619 (0xFFC3FDFB)
YUV	235.4300, 7.6760, -35.4571
Hunter-Lab	94.2431, -22.7737, 0.2517

Details

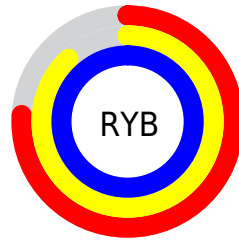
The Yxy color **88.8177, 0.2797, 0.3310** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.9639, 0.3585, 0.3271**, and the grayscale version is **83.3908, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **48.9954, 0.2724, 0.3303** is the 20% darker color. If you saturate the color by 10%, you get **85.6764, 0.2671, 0.3320**, and if you desaturate by 10%, it is **92.5374, 0.2935, 0.3301**.

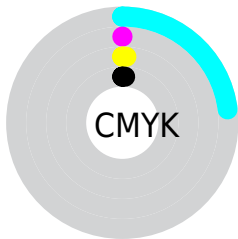
Distribution



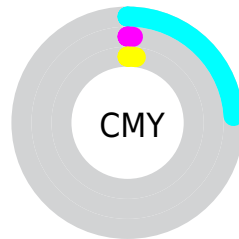
- Red (76%)
- Green (99%)
- Blue (98%)



- Red (76%)
- Yellow (88%)
- Blue (99%)



- Cyan (23%)
- Magenta (0%)
- Yellow (1%)
- Black (1%)




- Cyan (24%)
- Magenta (1%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.8177, 0.2797, 0.3310 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 88.8177, 0.2797, 0.3310 by changing the saturation by 10% instead.

 88.8177, 0.2797,
0.3310

 88.8177, 0.2797,
0.3310


524.1773, 0.2943,
0.3303

 67.0005, 0.2765,
0.3311


145.6950, 0.2847,
0.3308

 49.0850, 0.2726,
0.3312


181.5239, 0.2866,
0.3307

 34.6869, 0.2678,
0.3314


222.7922, 0.2883,
0.3306

 23.4218, 0.2618,
0.3315

269.8841, 0.2898,
0.3305

 14.9053, 0.2538,
0.3316

323.1843, 0.2911,
0.3305

 8.7529, 0.2428,
0.3316

383.0769, 0.2923,

 4.5804, 0.2270,

0.3304

449.9465, 0.2934,
0.3303

0.3312

2.0032, 0.2022,
0.3299

0.6093, 0.0731,
0.3478

88.8177, 0.2797,
0.3310

88.8177, 0.2797,
0.3310

85.6764, 0.2671,
0.3320

92.5374, 0.2935,
0.3301

83.0740, 0.2560,
0.3330

96.8515, 0.3083,
0.3292

80.9827, 0.2466,
0.3341

98.6386, 0.3136,
0.3284

79.3682, 0.2391,
0.3353

98.6942, 0.3131,
0.3276

■ 78.1918, 0.2335,
0.3364

98.7278, 0.3128,
0.3271

■ 77.4088, 0.2299,
0.3375

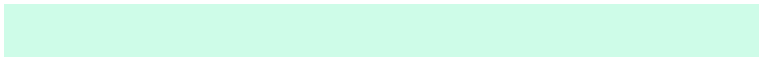
■ 76.9649, 0.2281,
0.3386

■ 76.7994, 0.2276,
0.3394

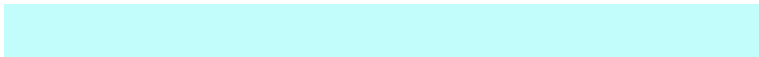
Harmonies

Analogous

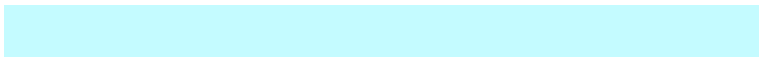
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.8177, 0.2962, 0.3506



88.8177, 0.2797, 0.3310



88.8177, 0.2719, 0.3116

Triad

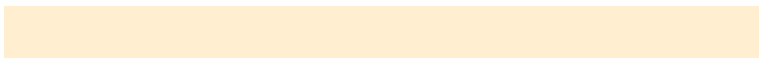
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.8177, 0.2797, 0.3310



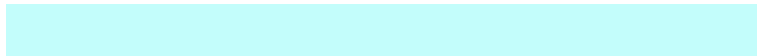
88.8177, 0.3068, 0.2969



88.8177, 0.3520, 0.3593

Complementary

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



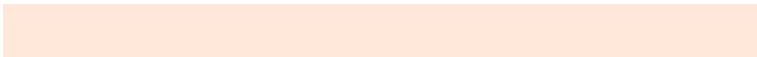
88.8177, 0.2797, 0.3310



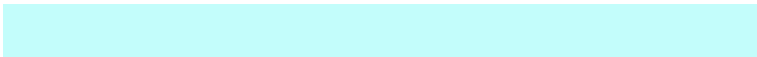
63.9639, 0.3585, 0.3271

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.



88.8177, 0.3553, 0.3440



88.8177, 0.2797, 0.3310



88.8177, 0.3287, 0.3088

Square

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



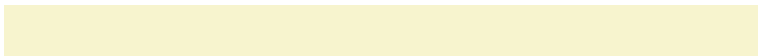
88.8177, 0.2797, 0.3310



88.8177, 0.2872, 0.2929



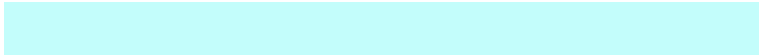
88.8177, 0.3467, 0.3257



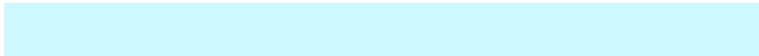
88.8177, 0.3380, 0.3669

Rectangle

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



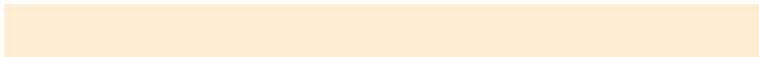
88.8177, 0.2797, 0.3310



88.8177, 0.2726, 0.3017



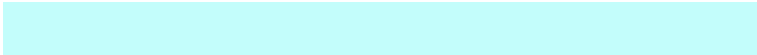
88.8177, 0.3467, 0.3257



88.8177, 0.3544, 0.3548

Sweetspot

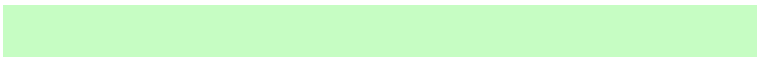
The Sweet Spot groups the original color and five complimentary colors.



88.8213, 0.2797, 0.3310



96.7310, 0.3022, 0.3296



86.1876, 0.3115, 0.3933



20.6472, 0.3013, 0.3296



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

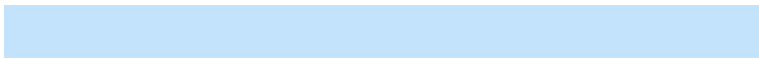
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.8213, 0.2797, 0.3310



89.0469, 0.2744, 0.3314



73.5922, 0.2765, 0.3006



20.4701, 0.2985, 0.3298



40.8607, 0.2276, 0.3392



3.9817, 0.2272, 0.3380

Inverse Universe

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



63.9639, 0.3585, 0.3271



60.0939, 0.3695, 0.3267



76.6011, 0.3542, 0.3558



17.9972, 0.3289, 0.3282



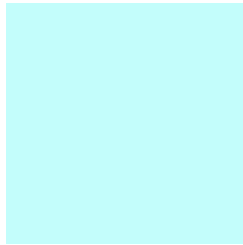
11.1232, 0.6366, 0.3281



1.0864, 0.6284, 0.3236

Previews

White Background



This preview shows how the Yxy color 88.8177, 0.2797, 0.3310 looks on a white background.

Color Contrast Check

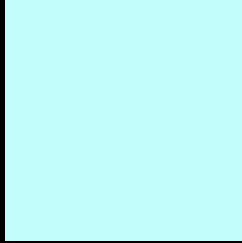
Large Text (above 18pt) WCAG AA × Fail

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 88.8177, 0.2797, 0.3310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

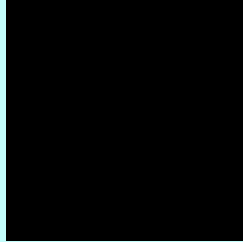
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.8177, 0.2797, 0.3310

Background



This preview shows how black text looks on a background with the Yxy color 88.8177, 0.2797, 0.3310.

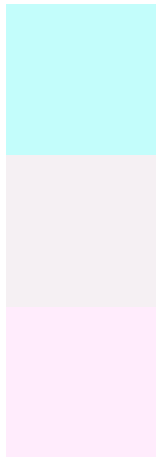


This preview shows how white text looks on a background with the Yxy color 88.8177, 0.2797, 0.3310.

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

88.8177, 0.2797, 0.3310

Protanopia

88.2037, 0.3142, 0.3260

Deuteranopia

88.2792, 0.3154, 0.3136



Tritanopia

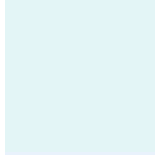
88.2128, 0.2932, 0.3188

Trichromacy



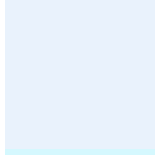
Original Color

88.8177, 0.2797, 0.3310



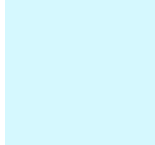
Protanomaly

88.2895, 0.3007, 0.3279



Deuteranomaly

87.8562, 0.3010, 0.3189



Tritanomaly

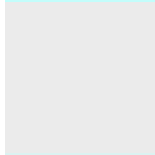
88.4367, 0.2879, 0.3227

Monochromacy



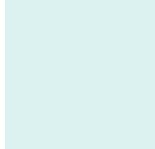
Original Color

88.8177, 0.2797, 0.3310



Achromatopsia

83.0770, 0.3127, 0.3290



Achromatomaly

85.0708, 0.2993, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.8177, 0.2797, 0.3310 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(195, 253, 251)` looks like.

```
.text, #text, p{  
    color:rgb(195, 253, 251)  
}
```

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(195, 253, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 253, 251) }
```

Border

The CSS property to change the border of an element to Yxy 88.8177, 0.2797, 0.3310 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(195, 253, 251) }
```

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

```
.border{ border-color:rgb(195, 253, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 253, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 253, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 253, 251);  
box-shadow:4px 4px 4px 4px rgb(195, 253,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 88.8177, 0.2797, 0.3310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 253, 251) }
```

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

```
.background{ background-color: rgb(195,  
253, 251) }
```

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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