

Converting Colors

$Yxy(88.3367, 0.2880, 0.3340)$

Have a look what the booklet for
Yxy(88.3367, 0.2880, 0.3340)
contains.

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Color

Yxy(88.6273, 0.2877, 0.3342)

Conversions

Conversions Part 1

Format	Color
Hex	CDFBF6
RGB	205, 251, 246
RGB Percent	80%, 98%, 96%
CMY	0.1963, 0.0156, 0.0353
CMYK	0.18, 0.00, 0.02, 0.02
HSL	173°, 85%, 89%
HSV	173°, 18%, 98%
XYZ	76.2959, 88.6273, 100.2692
YIQ	236.6760, -25.8110, -11.3070

Conversions

Conversions Part 2

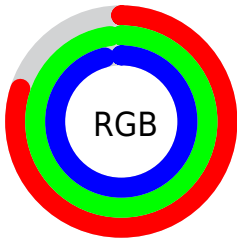
Format	Color
R _Y B	205, 229, 251
Decimal	13499382
CIE Lab	95.42, -15.59, -2.47
CIE LCh	95, 15.788, 188.998
Yxy	88.6273, 0.2877, 0.3342
Android (android.graphics.Color)	4291689462 (0xFFCDFBF6)
YUV	236.6760, 4.5967, -27.7799
Hunter-Lab	94.1421, -20.0863, 2.7506

Details

The Yxy color **88.6273, 0.2877, 0.3342** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.8002, 0.3448, 0.3239**, and the grayscale version is **84.3993, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.7853, 0.2821, 0.3343** is the 20% darker color. If you saturate the color by 10%, you get **85.1773, 0.2753, 0.3374**, and if you desaturate by 10%, it is **92.6597, 0.3010, 0.3313**.

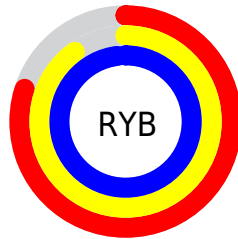
Distribution



Red (80%)

Green (98%)

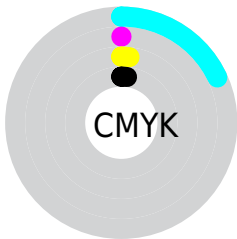
Blue (96%)



Red (80%)

Yellow (90%)

Blue (98%)

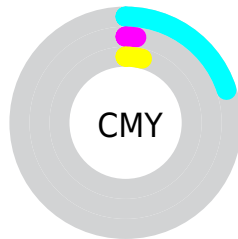


Cyan (18%)

Magenta (0%)

Yellow (2%)

Black (2%)



Cyan (20%)


Magenta (2%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.6273, 0.2877, 0.3342 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 88.6273, 0.2877, 0.3342 by changing the saturation by 10% instead.


 88.6273, 0.2877,
0.3342

 88.6273, 0.2877,
0.3342


523.5553, 0.2988,
0.3320

 66.8427, 0.2853,
0.3347

145.4302, 0.2915,
0.3335

 48.9568, 0.2823,
0.3353


181.2172, 0.2930,
0.3332

 34.5852, 0.2786,
0.3360


222.4406, 0.2943,
0.3329

 23.3435, 0.2739,
0.3368

269.4846, 0.2954,
0.3327

 14.8474, 0.2677,
0.3380

322.7337, 0.2964,
0.3325

 8.7123, 0.2592,
0.3394

382.5723, 0.2973,

 4.5540, 0.2468,

0.3323

449.3847, 0.2981,
0.3321

0.3415

1.9881, 0.2268,
0.3445

0.6005, 0.1176,
0.3714

88.6273, 0.2877,
0.3342

88.6273, 0.2877,
0.3342

85.1773, 0.2753,
0.3374

92.6597, 0.3010,
0.3313

82.2714, 0.2642,
0.3408

97.2609, 0.3150,
0.3286

79.8839, 0.2546,
0.3444

97.4352, 0.3134,
0.3260

77.9824, 0.2467,
0.3481

97.4862, 0.3129,
0.3252

■ 76.5311, 0.2408,
0.3519

■ 75.4890, 0.2368,
0.3557

■ 74.8079, 0.2348,
0.3595

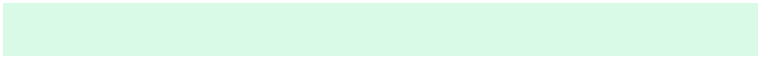
■ 74.4201, 0.2344,
0.3633

■ 74.3691, 0.2344,
0.3639

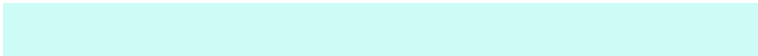
Harmonies

Analogous

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



88.6273, 0.3026, 0.3495



88.6273, 0.2877, 0.3342



88.6273, 0.2795, 0.3179

Triad

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



88.6273, 0.2877, 0.3342



88.6273, 0.3043, 0.3010



88.6273, 0.3465, 0.3519

Complementary

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



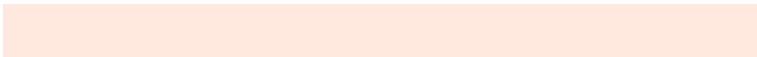
88.6273, 0.2877, 0.3342



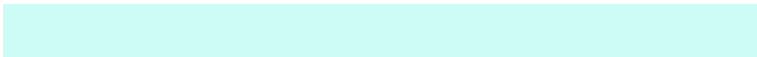
68.8002, 0.3448, 0.3239

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.



88.6273, 0.3471, 0.3386



88.6273, 0.2877, 0.3342



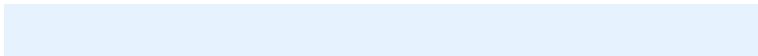
88.6273, 0.3223, 0.3097

Square

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



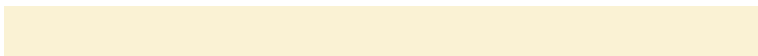
88.6273, 0.2877, 0.3342



88.6273, 0.2889, 0.2993



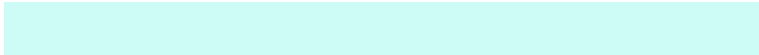
88.6273, 0.3382, 0.3233



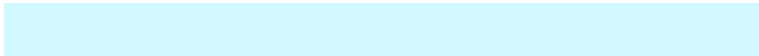
88.6273, 0.3366, 0.3596

Rectangle

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



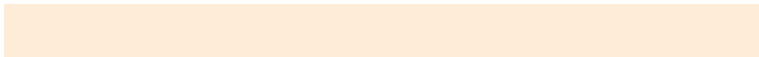
88.6273, 0.2877, 0.3342



88.6273, 0.2788, 0.3088



88.6273, 0.3382, 0.3233



88.6273, 0.3478, 0.3479

Sweetspot

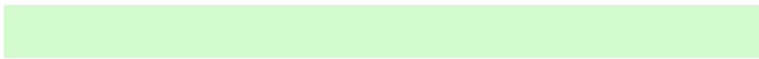
The Sweet Spot groups the original color and five complimentary colors.



88.6310, 0.2877, 0.3342



97.1058, 0.3043, 0.3306



87.1599, 0.3137, 0.3788



20.7202, 0.3034, 0.3308



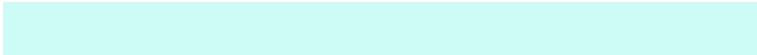
0.0000, 0.0000, 0.0000



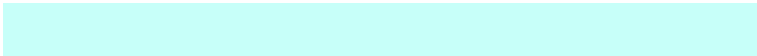
21.4041, 0.3127, 0.3290

Same Dimension

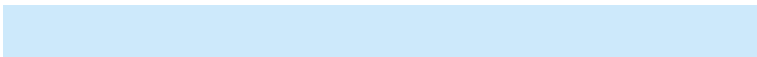
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.6310, 0.2877, 0.3342



90.4807, 0.2830, 0.3353



78.4176, 0.2840, 0.3101



19.5741, 0.2995, 0.3316



39.0981, 0.2342, 0.3632



3.6302, 0.2330, 0.3587

Inverse Universe

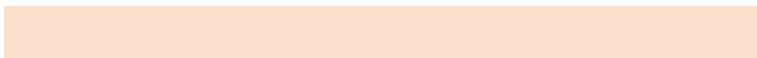
The Inverse Universe completely reimagines the original color for something new.



68.8002, 0.3448, 0.3239



66.4694, 0.3529, 0.3228



77.4830, 0.3454, 0.3472



17.2560, 0.3277, 0.3264



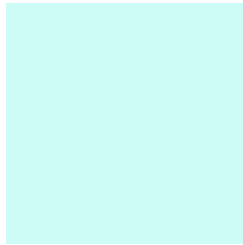
10.8331, 0.6273, 0.3229



1.0131, 0.6035, 0.3098

Previews

White Background



This preview shows how the Yxy color 88.6273, 0.2877, 0.3342 looks on a white background.

Color Contrast Check

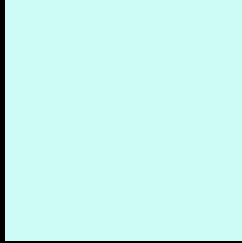
Large Text (above 18pt) WCAG AA × Fail

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 88.6273, 0.2877, 0.3342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

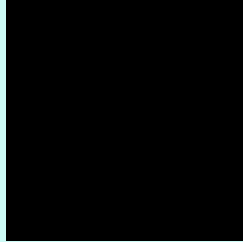
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

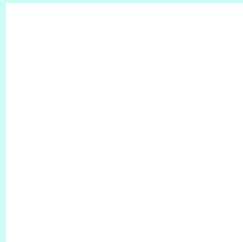
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.6273, 0.2877, 0.3342

Background



This preview shows how black text looks on a background with the Yxy color 88.6273, 0.2877, 0.3342.

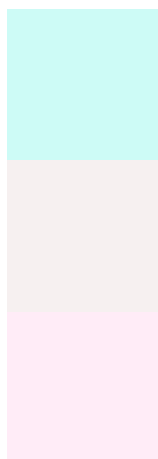


This preview shows how white text looks on a background with the Yxy color 88.6273, 0.2877, 0.3342.

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

88.6273, 0.2877, 0.3342

Protanopia

88.2043, 0.3167, 0.3290

Deuteranopia

87.9663, 0.3186, 0.3183



Tritanopia

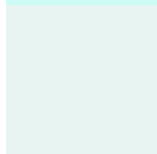
88.6936, 0.2950, 0.3189

Trichromacy



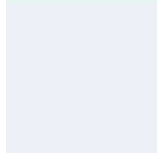
Original Color

88.6273, 0.2877, 0.3342



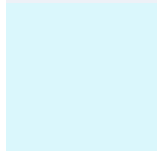
Protanomaly

88.1011, 0.3056, 0.3310



Deuteranomaly

87.6305, 0.3065, 0.3230



Tritanomaly

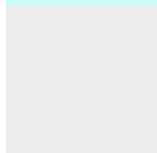
88.4552, 0.2919, 0.3238

Monochromacy



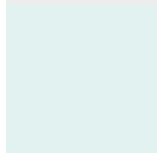
Original Color

88.6273, 0.2877, 0.3342



Achromatopsia

84.6873, 0.3127, 0.3290



Achromatomaly

85.8031, 0.3030, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.6273, 0.2877, 0.3342 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(205, 251, 246)` looks like.

```
.text, #text, p{  
    color:rgb(205, 251, 246)  
}
```

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(205, 251, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 251, 246) }
```

Border

The CSS property to change the border of an element to Yxy 88.6273, 0.2877, 0.3342 is called "border". The border property can be set on classes, ids or directly on the HTML element.

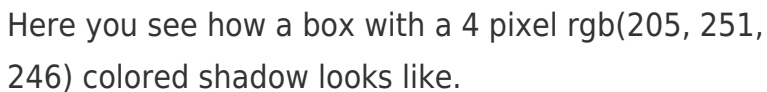
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 251, 246) }
```

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

```
.border{ border-color:rgb(205, 251, 246) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 251, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 251, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 251, 246); box-shadow:4px 4px 4px 4px rgb(205, 251, 246) }
```


Background

The CSS property to change the background color of an element to Yxy 88.6273, 0.2877, 0.3342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 251, 246) }
```

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

```
.background{ background-color: rgb(205,  
251, 246) }
```

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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