

Converting Colors

$Yxy(88.2781, 0.2974, 0.3503)$

Have a look what the booklet for
Yxy(88.2781, 0.2974, 0.3503)
contains.

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Color

Yxy(88.1738, 0.2976, 0.3502)

Conversions

Conversions Part 1

Format	Color
Hex	D0FB E7
RGB	208, 251, 231
RGB Percent	82%, 98%, 91%
CMY	0.1844, 0.0156, 0.0941
CMYK	0.17, 0.00, 0.08, 0.02
HSL	152°, 84%, 90%
HSV	152°, 17%, 98%
XYZ	74.9301, 88.1738, 88.6774
YIQ	235.8630, -19.2080, -15.3360

Conversions

Conversions Part 2

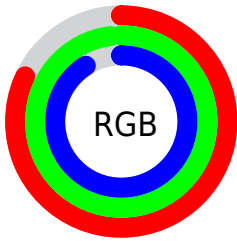
Format	Color
R _Y B	208, 236, 251
Decimal	13695975
CIE Lab	95.23, -17.56, 5.01
CIE LCh	95, 18.263, 164.079
Yxy	88.1738, 0.2976, 0.3502
Android (android.graphics.Color)	4291886055 (0xFFD0FBE7)
YUV	235.8630, -2.3975, -24.4359
Hunter-Lab	93.9009, -21.8889, 9.7388

Details

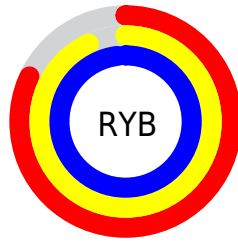
The Yxy color **88.1738, 0.2976, 0.3502** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.2141, 0.3310, 0.3087**, and the grayscale version is **83.8003, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.4510, 0.2945, 0.3552** is the 20% darker color. If you saturate the color by 10%, you get **84.1854, 0.2893, 0.3644**, and if you desaturate by 10%, it is **92.7893, 0.3063, 0.3373**.

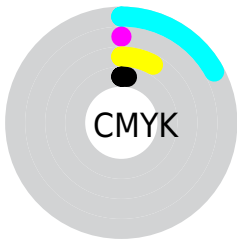
Distribution



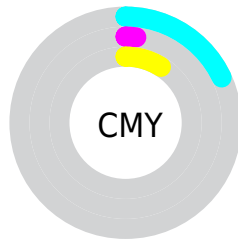
- Red (82%)
- Green (98%)
- Blue (91%)



- Red (82%)
- Yellow (93%)
- Blue (98%)



- Cyan (17%)
- Magenta (0%)
- Yellow (8%)
- Black (2%)




- Cyan (18%)
- Magenta (2%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.1738, 0.2976, 0.3502 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 88.1738, 0.2976, 0.3502 by changing the saturation by 10% instead.


 88.1738, 0.2976,
0.3502

 88.1738, 0.2976,
0.3502

522.0722, 0.3044,
0.3406

 66.4670, 0.2961,
0.3524


144.7991, 0.2999,
0.3469

 48.6516, 0.2942,
0.3550


180.4864, 0.3009,
0.3456

 34.3432, 0.2919,
0.3583


221.6027, 0.3017,
0.3445

 23.1574, 0.2889,
0.3627

268.5323, 0.3024,
0.3435

 14.7098, 0.2848,
0.3684

321.6597, 0.3030,
0.3426

 8.6159, 0.2792,
0.3766


381.3692, 0.3035,


 4.4915, 0.2707,


0.3419

0.3891


448.0452, 0.3040,
0.3412


 1.9521, 0.2564,
0.4103


 0.5794, 0.1242,
0.5900


 88.1738, 0.2976,
0.3502


 88.1738, 0.2976,
0.3502


 84.1854, 0.2893,
0.3644


 92.7893, 0.3063,
0.3373

 80.7851, 0.2818,
0.3800

 97.4380, 0.3133,
0.3258

 77.9466, 0.2753,
0.3968

 97.4802, 0.3129,
0.3252

 75.6370, 0.2703,
0.4145

■ 73.8200, 0.2669,
0.4328

■ 72.4546, 0.2656,
0.4513

■ 71.4925, 0.2663,
0.4695

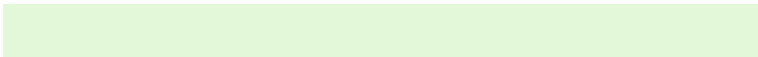
■ 70.8720, 0.2690,
0.4869

■ 70.7309, 0.2699,
0.4917

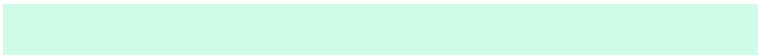
Harmonies

Analogous

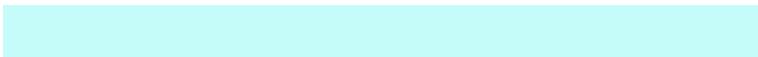
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.1738, 0.3180, 0.3627



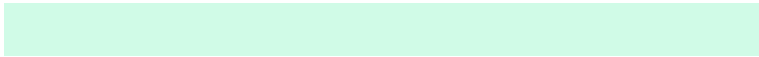
88.1738, 0.2976, 0.3502



88.1738, 0.2816, 0.3316

Triad

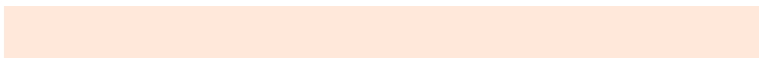
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.1738, 0.2976, 0.3502



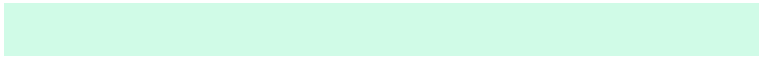
88.1738, 0.2877, 0.2944



88.1738, 0.3533, 0.3428

Complementary

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



88.1738, 0.2976, 0.3502



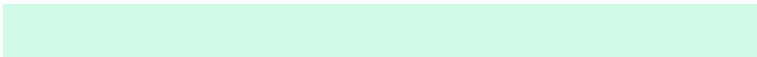
71.2141, 0.3310, 0.3087

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.



88.1738, 0.3447, 0.3252



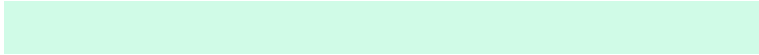
88.1738, 0.2976, 0.3502



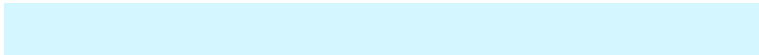
88.1738, 0.3063, 0.2980

Square

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



88.1738, 0.2976, 0.3502



88.1738, 0.2760, 0.2997



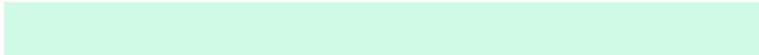
88.1738, 0.3273, 0.3091



88.1738, 0.3506, 0.3575

Rectangle

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



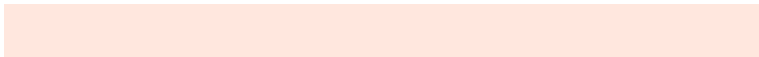
88.1738, 0.2976, 0.3502



88.1738, 0.2753, 0.3189



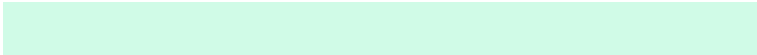
88.1738, 0.3273, 0.3091



88.1738, 0.3516, 0.3370

Sweetspot

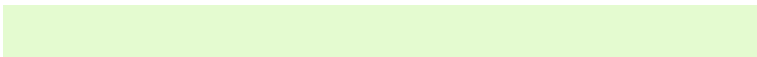
The Sweet Spot groups the original color and five complimentary colors.



88.1775, 0.2976, 0.3502



97.2857, 0.3082, 0.3348



90.0573, 0.3234, 0.3738



20.7444, 0.3076, 0.3356



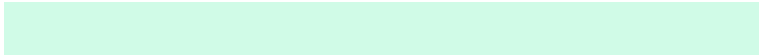
0.0000, 0.0000, 0.0000



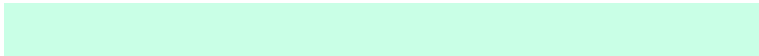
21.4041, 0.3127, 0.3290

Same Dimension

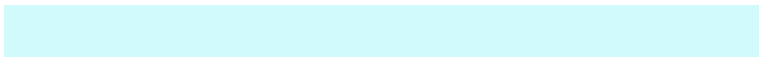
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.1775, 0.2976, 0.3502



89.7193, 0.2943, 0.3556



88.4803, 0.2867, 0.3274



19.4646, 0.3043, 0.3402



37.2057, 0.2691, 0.4889



3.4673, 0.2634, 0.4682

Inverse Universe

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



71.2141, 0.3310, 0.3087



68.7531, 0.3360, 0.3039



70.8694, 0.3455, 0.3306



17.3595, 0.3221, 0.3180



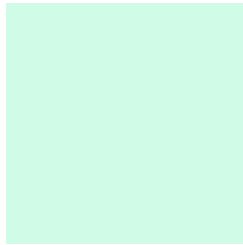
11.4802, 0.5112, 0.2590



1.0844, 0.4826, 0.2432

Previews

White Background



This preview shows how the Yxy color 88.1738, 0.2976, 0.3502 looks on a white background.

Color Contrast Check

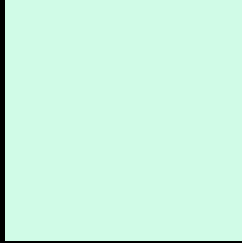
Large Text (above 18pt) WCAG AA × Fail

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 88.1738, 0.2976, 0.3502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

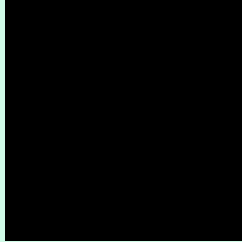
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

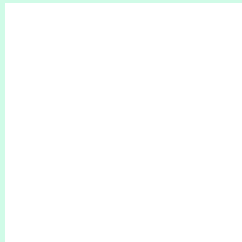
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.1738, 0.2976, 0.3502

Background



This preview shows how black text looks on a background with the Yxy color 88.1738, 0.2976, 0.3502.

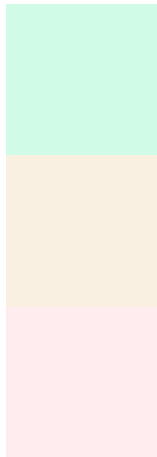


This preview shows how white text looks on a background with the Yxy color 88.1738, 0.2976, 0.3502.

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

88.1738, 0.2976, 0.3502

Protanopia

87.8962, 0.3281, 0.3440

Deuteranopia

87.4240, 0.3243, 0.3271



Tritanopia

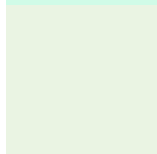
88.0901, 0.2950, 0.3178

Trichromacy



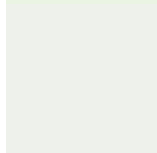
Original Color

88.1738, 0.2976, 0.3502



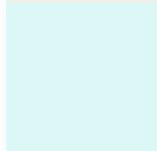
Protanomaly

87.7398, 0.3164, 0.3464



Deuteranomaly

87.0859, 0.3144, 0.3351



Tritanomaly

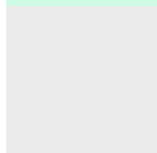
88.2354, 0.2959, 0.3300

Monochromacy



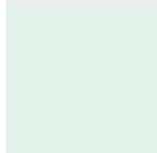
Original Color

88.1738, 0.2976, 0.3502



Achromatopsia

83.8799, 0.3127, 0.3290



Achromatomaly

85.0199, 0.3072, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.1738, 0.2976, 0.3502 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(208, 251, 231)` looks like.

```
.text, #text, p{  
    color:rgb(208, 251, 231)  
}
```

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(208, 251, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 251, 231) }
```

Border

The CSS property to change the border of an element to Yxy 88.1738, 0.2976, 0.3502 is called "border". The border property can be set on classes, ids or directly on the HTML element.

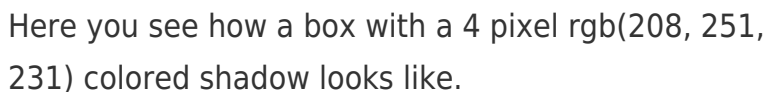
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 251, 231) }
```

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

```
.border{ border-color:rgb(208, 251, 231) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 251, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 251, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 251, 231);  
box-shadow:4px 4px 4px 4px rgb(208, 251,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 88.1738, 0.2976, 0.3502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 251, 231) }
```

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

```
.background{ background-color: rgb(208,  
251, 231) }
```

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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