

Converting Colors

Yxy(88.4868, 0.2909, 0.3348)

Have a look what the booklet for
Yxy(88.4868, 0.2909, 0.3348)
contains.

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Color

Yxy(88.4582, 0.2911, 0.3352)

Conversions

Conversions Part 1

Format	Color
Hex	D1FAF4
RGB	209, 250, 244
RGB Percent	82%, 98%, 96%
CMY	0.1802, 0.0196, 0.0431
CMYK	0.16, 0.00, 0.02, 0.02
HSL	171°, 80%, 90%
HSV	171°, 16%, 98%
XYZ	76.8204, 88.4582, 98.6182
YIQ	237.0570, -22.5100, -10.5580

Conversions

Conversions Part 2

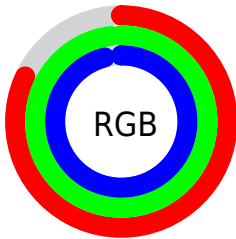
Format	Color
R_{YB}	209, 231, 250
Decimal	13761268
CIE _{Lab}	95.35, -14.23, -1.52
CIE _{LCh}	95, 14.307, 186.090
Yxy	88.4582, 0.2911, 0.3352
Android (android.graphics.Color)	4291951348 (0xFFD1FAF4)
YUV	237.0570, 3.4229, -24.6060
Hunter-Lab	94.0522, -18.7954, 3.6682

Details

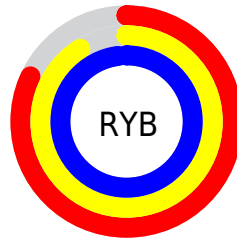
The Yxy color **88.4582, 0.2911, 0.3352** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.8571, 0.3395, 0.3229**, and the grayscale version is **84.7296, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.6408, 0.2862, 0.3357** is the 20% darker color. If you saturate the color by 10%, you get **84.8760, 0.2789, 0.3394**, and if you desaturate by 10%, it is **92.6243, 0.3041, 0.3313**.

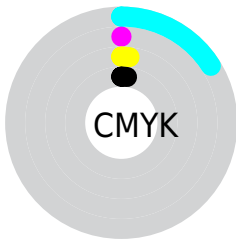
Distribution



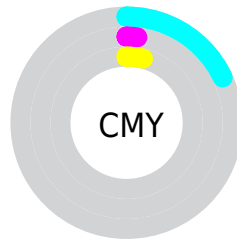
- Red (82%)
- Green (98%)
- Blue (96%)



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



- Cyan (16%)
- Magenta (0%)
- Yellow (2%)
- Black (2%)





- Cyan (18%)
- Magenta (2%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.4582, 0.2911, 0.3352 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 88.4582, 0.2911, 0.3352 by changing the saturation by 10% instead.


 88.4582, 0.2911,
0.3352

 88.4582, 0.2911,
0.3352


523.0026, 0.3007,
0.3325

 66.7026, 0.2890,
0.3358


145.1949, 0.2944,
0.3343

 48.8430, 0.2864,
0.3365


180.9448, 0.2957,
0.3339

 34.4949, 0.2832,
0.3374


222.1282, 0.2968,
0.3336

 23.2741, 0.2791,
0.3385

269.1296, 0.2978,
0.3333

 14.7960, 0.2737,
0.3400

322.3334, 0.2986,
0.3331

 8.6764, 0.2663,
0.3419

382.1238, 0.2994,

 4.5307, 0.2553,

0.3329

0.3448

448.8854, 0.3001,
0.3327

■ 1.9746, 0.2377,
0.3492

■ 0.5927, 0.1385,
0.3799

■ 88.4582, 0.2911,
0.3352

■ 88.4582, 0.2911,
0.3352

■ 84.8760, 0.2789,
0.3394

■ 92.6243, 0.3041,
0.3313

■ 81.8401, 0.2679,
0.3440

■ 96.6120, 0.3151,
0.3277

■ 79.3254, 0.2583,
0.3488

■ 96.8451, 0.3130,
0.3243

■ 77.3005, 0.2504,
0.3539

■ 96.8469, 0.3129,
0.3242

■ 75.7307, 0.2443,
0.3590

■ 74.5767, 0.2402,
0.3643

■ 73.7923, 0.2381,
0.3695

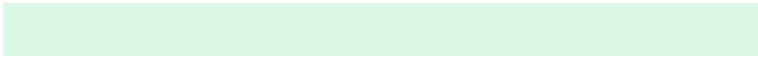
■ 73.3199, 0.2378,
0.3747

■ 73.1938, 0.2379,
0.3765

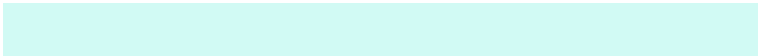
Harmonies

Analogous

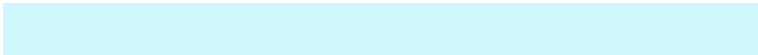
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.4582, 0.3050, 0.3487



88.4582, 0.2911, 0.3352



88.4582, 0.2830, 0.3203

Triad

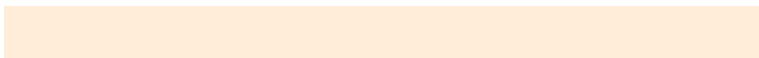
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.4582, 0.2911, 0.3352



88.4582, 0.3035, 0.3031



88.4582, 0.3437, 0.3489

Complementary

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



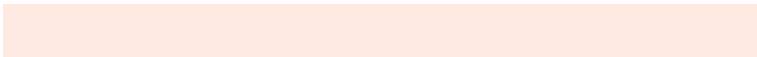
88.4582, 0.2911, 0.3352



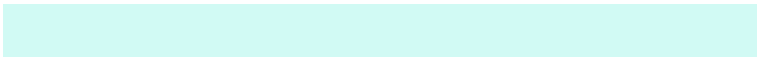
70.8571, 0.3395, 0.3229

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.



88.4582, 0.3434, 0.3364



88.4582, 0.2911, 0.3352



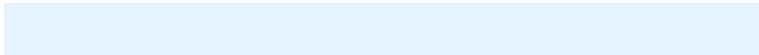
88.4582, 0.3199, 0.3105

Square

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



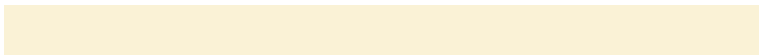
88.4582, 0.2911, 0.3352



88.4582, 0.2900, 0.3022



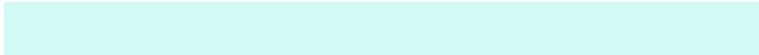
88.4582, 0.3346, 0.3225



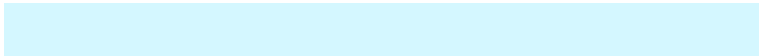
88.4582, 0.3356, 0.3564

Rectangle

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



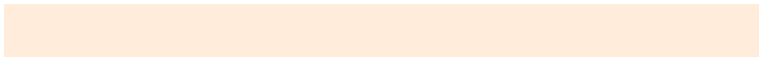
88.4582, 0.2911, 0.3352



88.4582, 0.2818, 0.3118



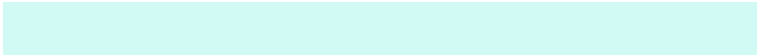
88.4582, 0.3346, 0.3225



88.4582, 0.3446, 0.3451

Sweetspot

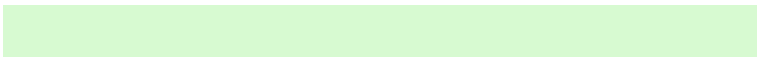
The Sweet Spot groups the original color and five complimentary colors.



88.4619, 0.2911, 0.3352



97.5420, 0.3059, 0.3308



87.4492, 0.3145, 0.3728



20.8068, 0.3050, 0.3311



0.0000, 0.0000, 0.0000



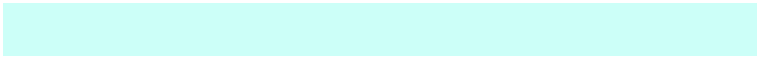
21.4041, 0.3127, 0.3290

Same Dimension

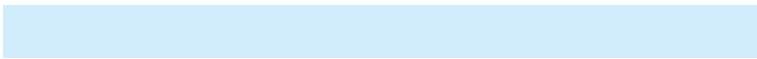
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.4619, 0.2911, 0.3352



91.1064, 0.2866, 0.3367



80.2618, 0.2872, 0.3138



19.5624, 0.3000, 0.3325



38.8435, 0.2377, 0.3757



3.6091, 0.2360, 0.3695

Inverse Universe

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



70.8571, 0.3395, 0.3229



69.1718, 0.3469, 0.3215



77.9079, 0.3416, 0.3437



17.2665, 0.3271, 0.3256



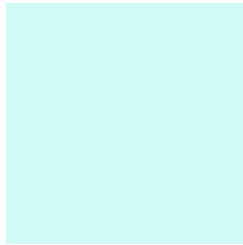
10.8624, 0.6204, 0.3191



1.0181, 0.5923, 0.3037

Previews

White Background



This preview shows how the Yxy color 88.4582, 0.2911, 0.3352 looks on a white background.

Color Contrast Check

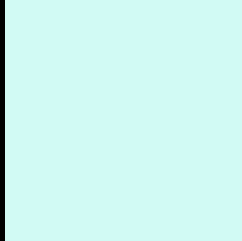
Large Text (above 18pt) WCAG AA × Fail

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 88.4582, 0.2911, 0.3352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

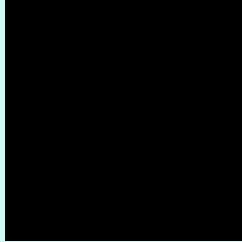
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

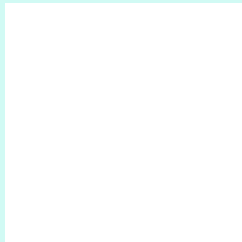
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.4582, 0.2911, 0.3352

Background



This preview shows how black text looks on a background with the Yxy color 88.4582, 0.2911, 0.3352.

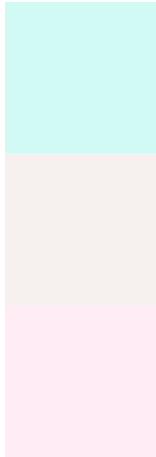


This preview shows how white text looks on a background with the Yxy color 88.4582, 0.2911, 0.3352.

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

88.4582, 0.2911, 0.3352

Protanopia

88.0861, 0.3179, 0.3310

Deuteranopia

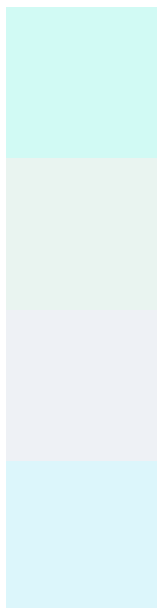
87.8435, 0.3198, 0.3203



Tritanopia

88.2523, 0.2956, 0.3179

Trichromacy



Original Color

88.4582, 0.2911, 0.3352

Protanomaly

88.3163, 0.3080, 0.3330

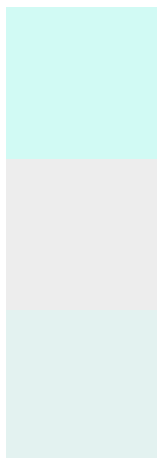
Deuteranomaly

87.6803, 0.3084, 0.3250

Tritanomaly

88.0922, 0.2937, 0.3238

Monochromacy



Original Color

88.4582, 0.2911, 0.3352

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

86.1264, 0.3043, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.4582, 0.2911, 0.3352 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(209, 250, 244)` looks like.

```
.text, #text, p{  
    color:rgb(209, 250, 244)  
}
```

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(209, 250, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 250, 244) }
```

Border

The CSS property to change the border of an element to Yxy 88.4582, 0.2911, 0.3352 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(209, 250, 244) }
```

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

```
.border{ border-color:rgb(209, 250, 244) }
```

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

Here you see how a box with a 4 pixel rgb(209, 250, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 250, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 250, 244);  
box-shadow:4px 4px 4px 4px rgb(209, 250,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 88.4582, 0.2911, 0.3352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 250, 244) }
```

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

```
.background{ background-color: rgb(209,  
250, 244) }
```

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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