

Converting Colors

$Yxy(88.8411, 0.3058, 0.3528)$

Have a look what the booklet for
Yxy(88.8411, 0.3058, 0.3528)
contains.

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Color

Yxy(88.8227, 0.3060, 0.3531)

Conversions

Conversions Part 1

Format	Color
Hex	DAFAE3
RGB	218, 250, 227
RGB Percent	85%, 98%, 89%
CMY	0.1449, 0.0196, 0.1098
CMYK	0.13, 0.00, 0.09, 0.02
HSL	137°, 76%, 92%
HSV	137°, 13%, 98%
XYZ	76.9746, 88.8227, 85.7538
YIQ	237.8100, -11.6890, -13.9370

Conversions

Conversions Part 2

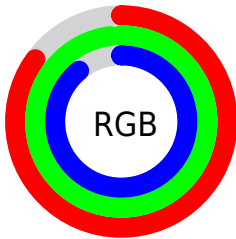
Format	Color
R _Y B	218, 243, 250
Decimal	14351075
CIE Lab	95.51, -14.57, 7.55
CIE LCh	96, 16.415, 152.597
Yxy	88.8227, 0.3060, 0.3531
Android (android.graphics.Color)	4292541155 (0xFFDAFAE3)
YUV	237.8100, -5.3293, -17.3734
Hunter-Lab	94.2458, -19.1414, 12.0244

Details

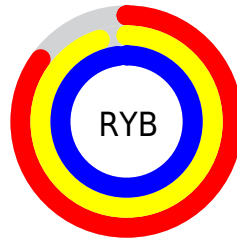
The Yxy color **88.8227, 0.3060, 0.3531** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.8474, 0.3202, 0.3060**, and the grayscale version is **85.4027, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.9050, 0.3042, 0.3575** is the 20% darker color. If you saturate the color by 10%, you get **84.3147, 0.3008, 0.3747**, and if you desaturate by 10%, it is **94.0235, 0.3113, 0.3339**.

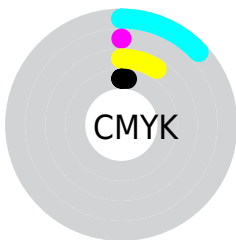
Distribution



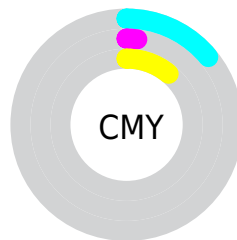
- Red (85%)
- Green (98%)
- Blue (89%)



- Red (85%)
- Yellow (95%)
- Blue (98%)



- Cyan (13%)
- Magenta (0%)
- Yellow (9%)
- Black (2%)




- Cyan (14%)
- Magenta (2%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.8227, 0.3060, 0.3531 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 88.8227, 0.3060, 0.3531 by changing the saturation by 10% instead.


 88.8227, 0.3060,
0.3531

 88.8227, 0.3060,
0.3531


524.1937, 0.3091,
0.3421

 67.0046, 0.3053,
0.3556


145.7020, 0.3071,
0.3493

 49.0884, 0.3044,
0.3586


181.5320, 0.3075,
0.3479

 34.6896, 0.3033,
0.3624


222.8014, 0.3079,
0.3466

 23.4239, 0.3019,
0.3673

269.8946, 0.3082,
0.3455

 14.9068, 0.2999,
0.3739

323.1961, 0.3084,
0.3445

 8.7540, 0.2971,
0.3833

383.0901, 0.3087,

 4.5811, 0.2928,

0.3436

0.3975

449.9612, 0.3089,
0.3428

■ 2.0036, 0.2852,
0.4218

■ 0.6096, 0.2308,
0.6292

■ 88.8227, 0.3060,
0.3531

■ 88.8227, 0.3060,
0.3531

■ 84.3147, 0.3008,
0.3747

■ 94.0235, 0.3113,
0.3339

■ 80.4590, 0.2960,
0.3986

■ 96.8472, 0.3129,
0.3242

■ 77.2283, 0.2917,
0.4245

■ 74.5886, 0.2882,
0.4519

■ 72.5028, 0.2860,
0.4798

■ 70.9295, 0.2853,
0.5071

■ 69.8211, 0.2861,
0.5324

■ 69.1204, 0.2886,
0.5541

■ 68.8089, 0.2909,
0.5672

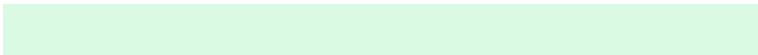
Harmonies

Analogous

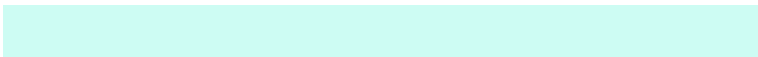
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.8227, 0.3246, 0.3611



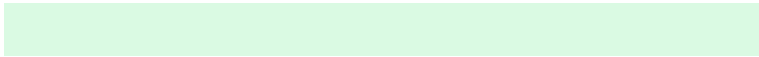
88.8227, 0.3060, 0.3531



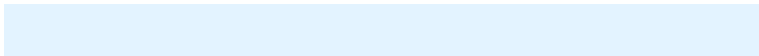
88.8227, 0.2895, 0.3381

Triad

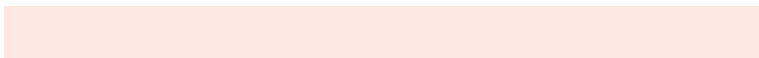
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.8227, 0.3060, 0.3531



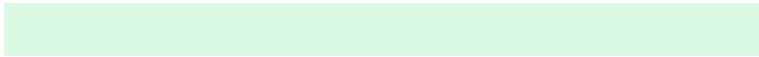
88.8227, 0.2853, 0.2988



88.8227, 0.3472, 0.3355

Complementary

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



88.8227, 0.3060, 0.3531



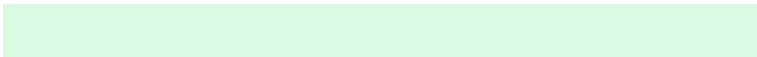
76.8474, 0.3202, 0.3060

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.



88.8227, 0.3361, 0.3198



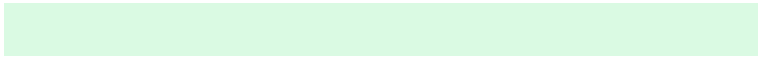
88.8227, 0.3060, 0.3531



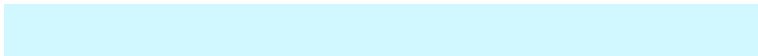
88.8227, 0.3001, 0.2990

Square

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



88.8227, 0.3060, 0.3531



88.8227, 0.2778, 0.3066



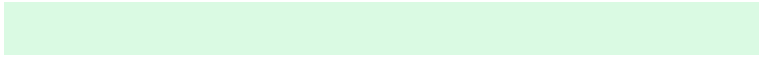
88.8227, 0.3187, 0.3066



88.8227, 0.3488, 0.3502

Rectangle

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



88.8227, 0.3060, 0.3531



88.8227, 0.2819, 0.3265



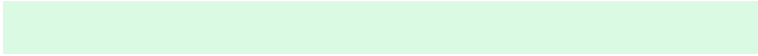
88.8227, 0.3187, 0.3066



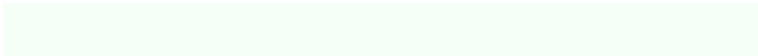
88.8227, 0.3445, 0.3302

Sweetspot

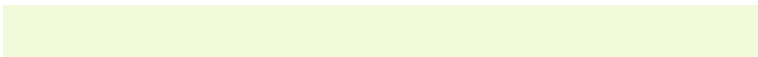
The Sweet Spot groups the original color and five complimentary colors.



88.8265, 0.3060, 0.3531



97.6524, 0.3106, 0.3361



92.2166, 0.3262, 0.3612



20.8100, 0.3102, 0.3375



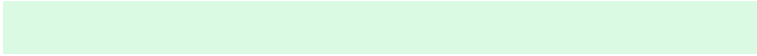
0.0000, 0.0000, 0.0000



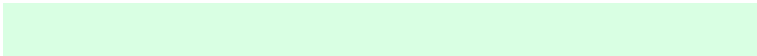
21.4041, 0.3127, 0.3290

Same Dimension

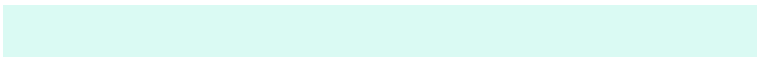
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.8265, 0.3060, 0.3531



91.8046, 0.3048, 0.3577



89.7242, 0.2972, 0.3367



19.3891, 0.3077, 0.3465



36.5216, 0.2901, 0.5645



3.3998, 0.2837, 0.5414

Inverse Universe

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



76.8474, 0.3202, 0.3060



77.3065, 0.3216, 0.3019



75.9572, 0.3308, 0.3215



17.4368, 0.3181, 0.3121



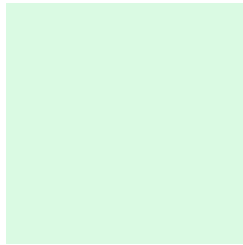
12.5549, 0.4073, 0.2017



1.1808, 0.3945, 0.1947

Previews

White Background



This preview shows how the Yxy color 88.8227, 0.3060, 0.3531 looks on a white background.

Color Contrast Check

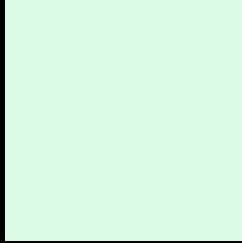
Large Text (above 18pt) WCAG AA × Fail

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 88.8227, 0.3060, 0.3531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

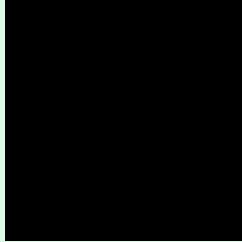
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

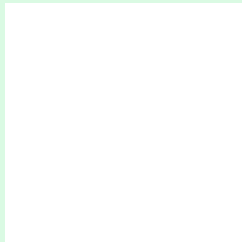
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.8227, 0.3060, 0.3531

Background



This preview shows how black text looks on a background with the Yxy color 88.8227, 0.3060, 0.3531.

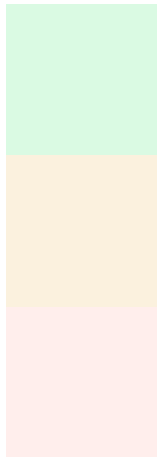


This preview shows how white text looks on a background with the Yxy color 88.8227, 0.3060, 0.3531.

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
Protanopia
Deuteranopia

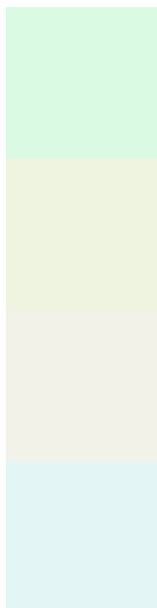
88.8227, 0.3060, 0.3531
88.6937, 0.3312, 0.3480
88.4652, 0.3253, 0.3310



Tritanopia

88.4770, 0.2987, 0.3170

Trichromacy



Original Color

88.8227, 0.3060, 0.3531

Protanomaly

88.4339, 0.3216, 0.3494

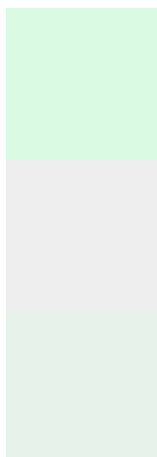
Deuteranomaly

88.2647, 0.3182, 0.3381

Tritanomaly

88.8350, 0.3013, 0.3300

Monochromacy



Original Color

88.8227, 0.3060, 0.3531

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

86.4337, 0.3104, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.8227, 0.3060, 0.3531 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(218, 250, 227)` looks like.

```
.text, #text, p{  
    color:rgb(218, 250, 227)  
}
```

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(218, 250, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 250, 227) }
```

Border

The CSS property to change the border of an element to Yxy 88.8227, 0.3060, 0.3531 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(218, 250, 227) }
```

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

```
.border{ border-color:rgb(218, 250, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 250, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 250, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 250, 227);  
box-shadow:4px 4px 4px 4px rgb(218, 250,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 88.8227, 0.3060, 0.3531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 250, 227) }
```

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

```
.background{ background-color: rgb(218,  
250, 227) }
```

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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