

Converting Colors

$Yxy(88.8739, 0.3271, 0.4076)$

Have a look what the booklet for
Yxy(88.8739, 0.3271, 0.4076)
contains.

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Color

Yxy(88.8944, 0.3275, 0.4080)

Conversions

Conversions Part 1

Format	Color
Hex	D4FFB6
RGB	212, 255, 182
RGB Percent	83%, 100%, 71%
CMY	0.1685, 0.0000, 0.2864
CMYK	0.17, 0.00, 0.29, 0.00
HSL	95°, 100%, 86%
HSV	95°, 29%, 100%
XYZ	71.3552, 88.8944, 57.6288
YIQ	233.8210, -2.1950, -31.8190

Conversions

Conversions Part 2

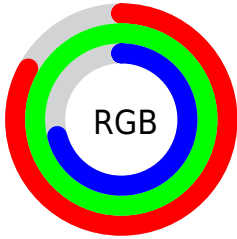
Format	Color
RYB	182, 255, 225
Decimal	13959094
CIELab	95.54, -26.33, 30.52
CIELCh	96, 40.312, 130.782
Yxy	88.8944, 0.3275, 0.4080
Android (android.graphics.Color)	4292149174 (0xFFD4FFB6)
YUV	233.8210, -25.5478, -19.1370
Hunter-Lab	94.2838, -29.9057, 29.7590

Details

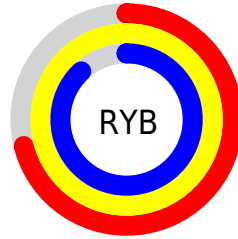
The Yxy color **88.8944, 0.3275, 0.4080** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **56.6557, 0.2931, 0.2523**, and the grayscale version is **82.3353, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9530, 0.3226, 0.3454**, and **49.1412, 0.3297, 0.4256** is the 20% darker color. If you saturate the color by 10%, you get **85.8082, 0.3317, 0.4391**, and if you desaturate by 10%, it is **92.3823, 0.3226, 0.3784**.

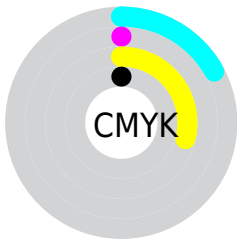
Distribution



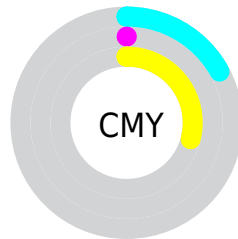
- Red (83%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (88%)



- Cyan (17%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)





- Cyan (17%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.8944, 0.3275, 0.4080 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 88.8944, 0.3275, 0.4080 by changing the saturation by 10% instead.

 88.8944, 0.3275,
0.4080

 88.8944, 0.3275,
0.4080

524.4278, 0.3218,
0.3713

 67.0640, 0.3285,
0.4163

 145.8017, 0.3258,
0.3953

 49.1367, 0.3296,
0.4266

181.6474, 0.3250,
0.3903

 34.7279, 0.3308,
0.4396


222.9338, 0.3243,
0.3861

 23.4534, 0.3319,
0.4564

270.0450, 0.3237,
0.3824

 14.9286, 0.3326,
0.4789

323.3657, 0.3232,
0.3791

 8.7693, 0.3323,
0.5105

383.2801, 0.3227,

 4.5910, 0.3285,

0.3762

0.5570

450.1727, 0.3222,
0.3736

■ 2.0094, 0.3325,
0.6675

■ 0.6129, 0.0000,
1.0000

■ 88.8944, 0.3275,
0.4080

■ 88.8944, 0.3275,
0.4080

■ 85.8082, 0.3317,
0.4391

■ 92.3823, 0.3226,
0.3784

■ 83.1039, 0.3349,
0.4705

■ 96.2832, 0.3174,
0.3509

■ 80.7655, 0.3366,
0.5009

100.0000, 0.3127,
0.3290

■ 78.7740, 0.3365,
0.5284

■ 77.1087, 0.3344,
0.5515

■ 75.7454, 0.3303,
0.5686

■ 74.6526, 0.3249,
0.5796

■ 74.5204, 0.3241,
0.5809

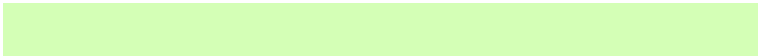
Harmonies

Analogous

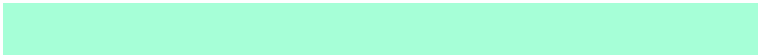
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.8944, 0.3697, 0.4079



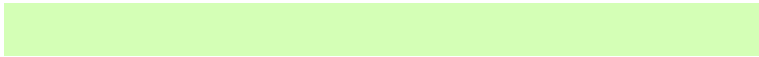
88.8944, 0.3275, 0.4080



88.8944, 0.2832, 0.3816

Triad

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



88.8944, 0.3275, 0.4080



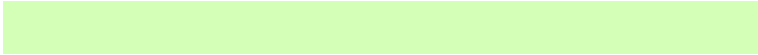
88.8944, 0.2333, 0.2670



88.8944, 0.3801, 0.3154

Complementary

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



88.8944, 0.3275, 0.4080



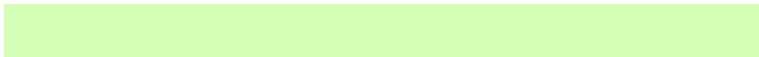
56.6557, 0.2931, 0.2523

Split Complementary

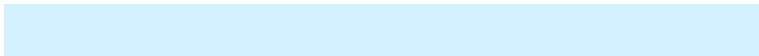
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.8944, 0.3389, 0.2837



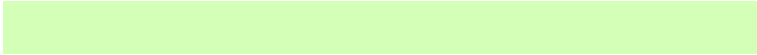
88.8944, 0.3275, 0.4080



88.8944, 0.2550, 0.2561

Square

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



88.8944, 0.3275, 0.4080



88.8944, 0.2309, 0.2958



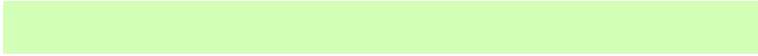
88.8944, 0.2928, 0.2625



88.8944, 0.4021, 0.3517

Rectangle

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



88.8944, 0.3275, 0.4080



88.8944, 0.2583, 0.3535



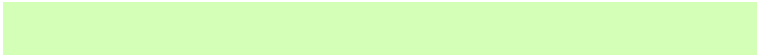
88.8944, 0.2928, 0.2625



88.8944, 0.3679, 0.3040

Sweetspot

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



88.8956, 0.3275, 0.4080



96.1372, 0.3175, 0.3518



78.2513, 0.3641, 0.3725



20.4507, 0.3183, 0.3557



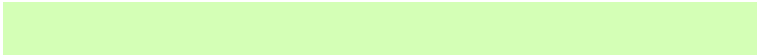
0.0000, 0.0000, 0.0000



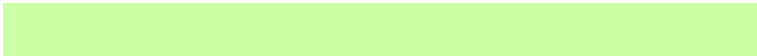
21.4041, 0.3127, 0.3290

Same Dimension

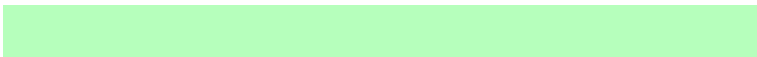
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.8956, 0.3275, 0.4080



87.1934, 0.3299, 0.4245



85.0926, 0.3055, 0.4055



20.5332, 0.3178, 0.3531



39.0208, 0.3253, 0.5799



3.8614, 0.3341, 0.5730

Inverse Universe

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



56.6557, 0.2931, 0.2523



50.4453, 0.2884, 0.2369



61.5324, 0.3206, 0.2629



17.9059, 0.3072, 0.3051



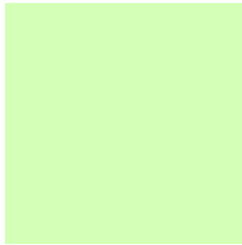
7.2526, 0.2204, 0.0988



0.7702, 0.2315, 0.1049

Previews

White Background



This preview shows how the Yxy color 88.8944, 0.3275, 0.4080 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 88.8944, 0.3275, 0.4080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

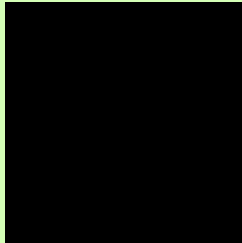
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

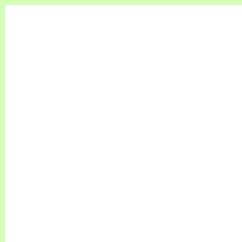
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.8944, 0.3275, 0.4080

Background



This preview shows how black text looks on a background with the Yxy color 88.8944, 0.3275, 0.4080.

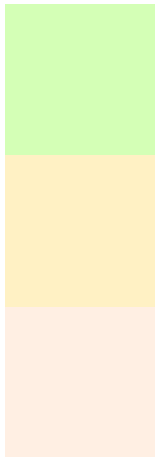


This preview shows how white text looks on a background with the Yxy color 88.8944, 0.3275, 0.4080.

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

88.8944, 0.3275, 0.4080

Protanopia

88.1561, 0.3507, 0.3740

Deuteranopia

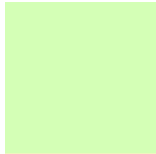
88.5391, 0.3310, 0.3409



Tritanopia

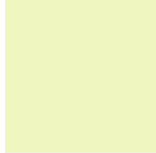
88.4770, 0.2987, 0.3170

Trichromacy



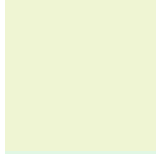
Original Color

88.8944, 0.3275, 0.4080



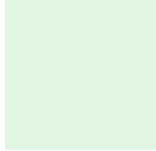
Protanomaly

88.0238, 0.3417, 0.3858



Deuteranomaly

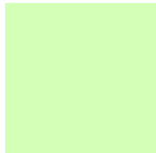
88.3587, 0.3295, 0.3639



Tritanomaly

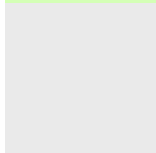
88.1305, 0.3099, 0.3487

Monochromacy



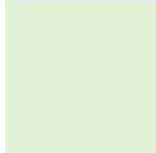
Original Color

88.8944, 0.3275, 0.4080



Achromatopsia

82.2786, 0.3127, 0.3290



Achromatomaly

84.5793, 0.3186, 0.3575

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.8944, 0.3275, 0.4080 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(212, 255, 182)` looks like.

```
.text, #text, p{  
    color:rgb(212, 255, 182)  
}
```

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(212, 255, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 255, 182) }
```

Border

The CSS property to change the border of an element to Yxy 88.8944, 0.3275, 0.4080 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(212, 255, 182) }
```

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

```
.border{ border-color:rgb(212, 255, 182) }
```

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

Here you see how a box with a 4 pixel rgb(212, 255, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 255, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 255, 182);  
box-shadow:4px 4px 4px 4px rgb(212, 255,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 88.8944, 0.3275, 0.4080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 255, 182) }
```

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

```
.background{ background-color: rgb(212,  
255, 182) }
```

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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