

Converting Colors

$Yxy(88.6192, 0.3039, 0.3498)$

Have a look what the booklet for
Yxy(88.6192, 0.3039, 0.3498)
contains.

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Color

Yxy(88.8361, 0.3036, 0.3499)

Conversions

Conversions Part 1

Format	Color
Hex	D9FAE6
RGB	217, 250, 230
RGB Percent	85%, 98%, 90%
CMY	0.1491, 0.0196, 0.0979
CMYK	0.13, 0.00, 0.08, 0.02
HSL	144°, 77%, 92%
HSV	144°, 13%, 98%
XYZ	77.0810, 88.8361, 87.9729
YIQ	237.8530, -13.2480, -13.2160

Conversions

Conversions Part 2

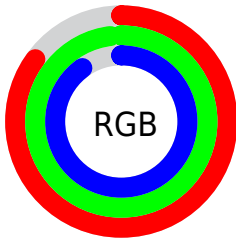
Format	Color
RYB	217, 241, 250
Decimal	14285542
CIELab	95.51, -14.38, 5.98
CIElCh	96, 15.578, 157.407
Yxy	88.8361, 0.3036, 0.3499
Android (android.graphics.Color)	4292475622 (0xFFD9FAE6)
YUV	237.8530, -3.8715, -18.2881
Hunter-Lab	94.2529, -18.9634, 10.6375

Details

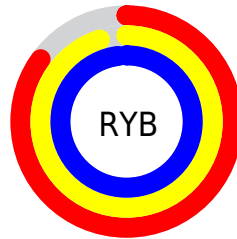
The Yxy color **88.8361, 0.3036, 0.3499** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.0479, 0.3231, 0.3090**, and the grayscale version is **85.4188, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.9165, 0.3013, 0.3534** is the 20% darker color. If you saturate the color by 10%, you get **84.4822, 0.2969, 0.3679**, and if you desaturate by 10%, it is **93.8514, 0.3105, 0.3338**.

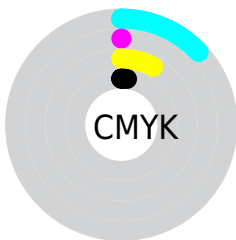
Distribution



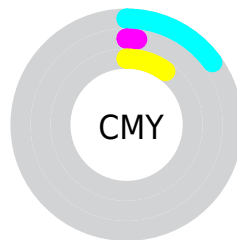
- Red (85%)
- Green (98%)
- Blue (90%)



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



- Cyan (13%)
- Magenta (0%)
- Yellow (8%)
- Black (2%)




- Cyan (15%)
- Magenta (2%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.8361, 0.3036, 0.3499 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 88.8361, 0.3036, 0.3499 by changing the saturation by 10% instead.


 88.8361, 0.3036,
0.3499

 88.8361, 0.3036,
0.3499


524.2374, 0.3077,
0.3404

 67.0157, 0.3027,
0.3520


145.7206, 0.3050,
0.3466

 49.0974, 0.3015,
0.3546


181.5536, 0.3056,
0.3454

 34.6968, 0.3001,
0.3579


222.8261, 0.3061,
0.3443

 23.4294, 0.2982,
0.3621

269.9227, 0.3065,
0.3433

 14.9109, 0.2957,
0.3678

323.2278, 0.3069,
0.3425

 8.7569, 0.2922,
0.3758

383.1256, 0.3072,

 4.5829, 0.2868,

0.3417

0.3880

450.0007, 0.3075,
0.3410

■ 2.0047, 0.2777,
0.4087

■ 0.6102, 0.2109,
0.5624

■ 88.8361, 0.3036,
0.3499

■ 88.8361, 0.3036,
0.3499

■ 84.4822, 0.2969,
0.3679

■ 93.8514, 0.3105,
0.3338

■ 80.7506, 0.2907,
0.3879

■ 96.8573, 0.3129,
0.3242

■ 77.6152, 0.2852,
0.4095

■ 75.0433, 0.2809,
0.4325

■ 72.9995, 0.2780,
0.4563

■ 71.4437, 0.2768,
0.4801

■ 70.3300, 0.2775,
0.5031

■ 69.6029, 0.2801,
0.5243

■ 69.2756, 0.2826,
0.5373

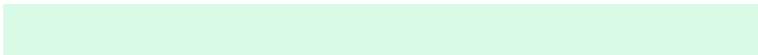
Harmonies

Analogous

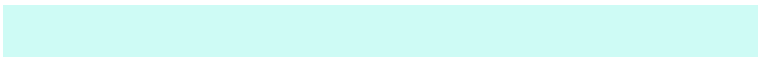
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.8361, 0.3213, 0.3588



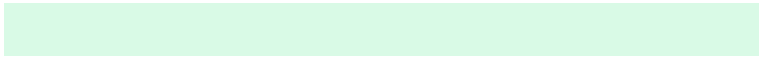
88.8361, 0.3036, 0.3499



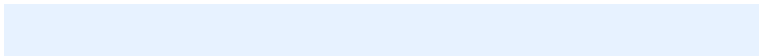
88.8361, 0.2887, 0.3350

Triad

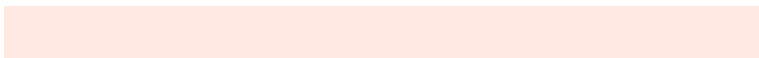
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.8361, 0.3036, 0.3499



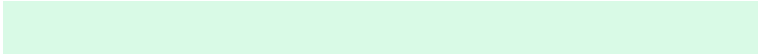
88.8361, 0.2886, 0.2998



88.8361, 0.3464, 0.3377

Complementary

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



88.8361, 0.3036, 0.3499



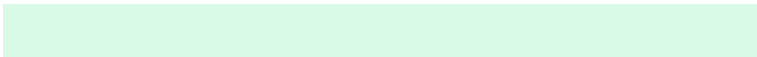
76.0479, 0.3231, 0.3090

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.



88.8361, 0.3371, 0.3226



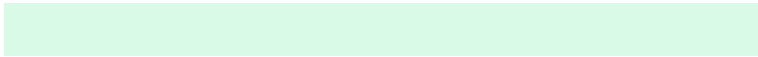
88.8361, 0.3036, 0.3499



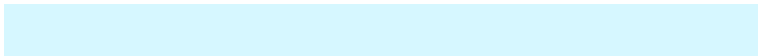
88.8361, 0.3035, 0.3011

Square

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



88.8361, 0.3036, 0.3499



88.8361, 0.2802, 0.3061



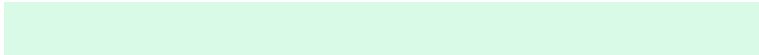
88.8361, 0.3213, 0.3094



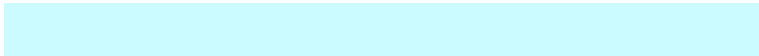
88.8361, 0.3463, 0.3510

Rectangle

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



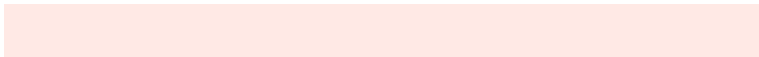
88.8361, 0.3036, 0.3499



88.8361, 0.2822, 0.3240



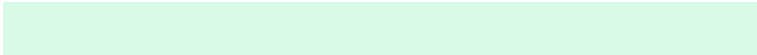
88.8361, 0.3213, 0.3094



88.8361, 0.3442, 0.3326

Sweetspot

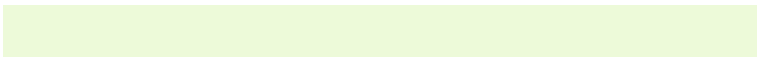
The Sweet Spot groups the original color and five complimentary colors.



88.8399, 0.3036, 0.3499



97.7257, 0.3099, 0.3350



91.4496, 0.3242, 0.3627



20.8285, 0.3094, 0.3361



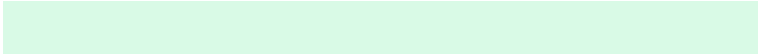
0.0000, 0.0000, 0.0000



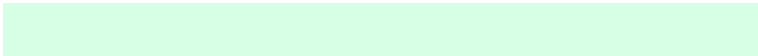
21.4041, 0.3127, 0.3290

Same Dimension

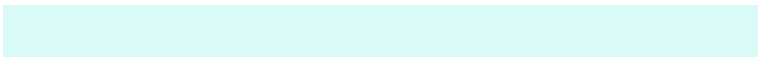
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.8399, 0.3036, 0.3499



91.5782, 0.3017, 0.3548



89.7880, 0.2946, 0.3329



19.4229, 0.3061, 0.3437



36.7691, 0.2817, 0.5343



3.4257, 0.2751, 0.5104

Inverse Universe

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



76.0479, 0.3231, 0.3090



75.6785, 0.3256, 0.3046



75.1479, 0.3343, 0.3251



17.4015, 0.3199, 0.3148



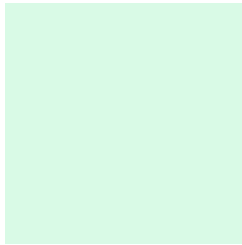
11.9972, 0.4524, 0.2266



1.1320, 0.4324, 0.2156

Previews

White Background



This preview shows how the Yxy color 88.8361, 0.3036, 0.3499 looks on a white background.

Color Contrast Check

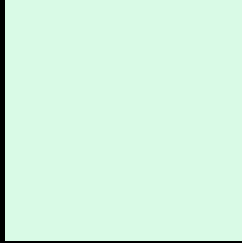
Large Text (above 18pt) WCAG AA × Fail

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 88.8361, 0.3036, 0.3499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

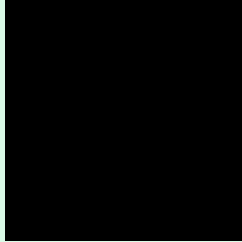
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

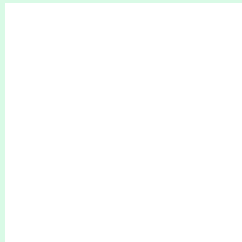
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.8361, 0.3036, 0.3499

Background



This preview shows how black text looks on a background with the Yxy color 88.8361, 0.3036, 0.3499.

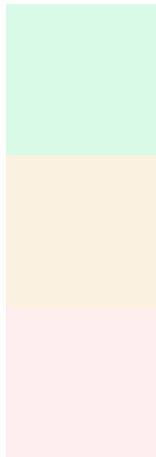


This preview shows how white text looks on a background with the Yxy color 88.8361, 0.3036, 0.3499.

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

88.8361, 0.3036, 0.3499

Protanopia

88.6708, 0.3286, 0.3450

Deuteranopia

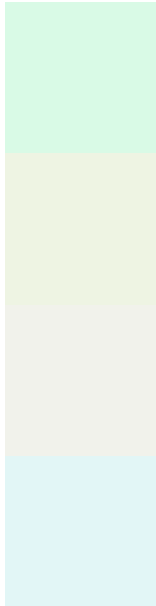
88.5821, 0.3241, 0.3290



Tritanopia

88.9103, 0.2981, 0.3179

Trichromacy



Original Color

88.8361, 0.3036, 0.3499

Protanomaly

88.4246, 0.3191, 0.3463

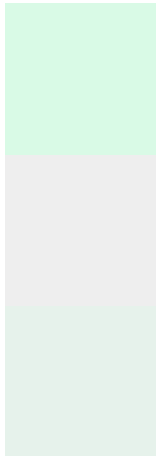
Deuteranomaly

88.2032, 0.3163, 0.3360

Tritanomaly

88.7341, 0.3001, 0.3290

Monochromacy



Original Color

88.8361, 0.3036, 0.3499

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

86.3254, 0.3091, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.8361, 0.3036, 0.3499 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(217, 250, 230)` looks like.

```
.text, #text, p{  
    color:rgb(217, 250, 230)  
}
```

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(217, 250, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 250, 230) }
```

Border

The CSS property to change the border of an element to Yxy 88.8361, 0.3036, 0.3499 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(217, 250, 230) }
```

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

```
.border{ border-color:rgb(217, 250, 230) }
```

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

Here you see how a box with a 4 pixel rgb(217, 250, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 250, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 250, 230);  
box-shadow:4px 4px 4px 4px rgb(217, 250,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 88.8361, 0.3036, 0.3499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 250, 230) }
```

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

```
.background{ background-color: rgb(217,  
250, 230) }
```

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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