

Converting Colors

$Yxy(82.6365, 0.3323, 0.3979)$

Have a look what the booklet for
Yxy(82.6365, 0.3323, 0.3979)
contains.

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Color

Yxy(82.6365, 0.3323, 0.3979)

Conversions

Conversions Part 1

Format	Color
Hex	D8F4B5
RGB	216, 244, 181
RGB Percent	85%, 96%, 71%
CMY	0.1529, 0.0431, 0.2902
CMYK	0.11, 0.00, 0.26, 0.04
HSL	87°, 74%, 83%
HSV	87°, 26%, 96%
XYZ	69.0126, 82.6365, 56.0325
YIQ	228.4460, 3.5350, -25.5290

Conversions

Conversions Part 2

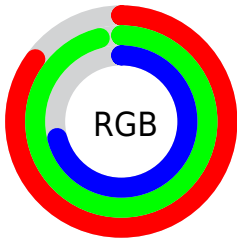
Format	Color
RYB	181, 244, 209
Decimal	14218421
CIELab	92.86, -19.80, 27.41
CIELCh	93, 33.815, 125.847
Yxy	82.6365, 0.3323, 0.3979
Android (android.graphics.Color)	4292408501 (0xFFD8F4B5)
YUV	228.4460, -23.3909, -10.9151
Hunter-Lab	90.9046, -23.5702, 27.0876

Details

The Yxy color **82.6365, 0.3323, 0.3979** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **53.1385, 0.2885, 0.2592**, and the grayscale version is **78.1030, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **45.1020, 0.3359, 0.4142** is the 20% darker color. If you saturate the color by 10%, you get **80.1270, 0.3392, 0.4271**, and if you desaturate by 10%, it is **85.4376, 0.3248, 0.3698**.

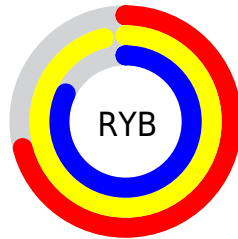
Distribution



Red (85%)

Green (96%)

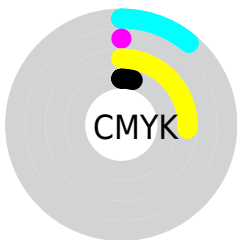
Blue (71%)



Red (71%)

Yellow (96%)

Blue (82%)

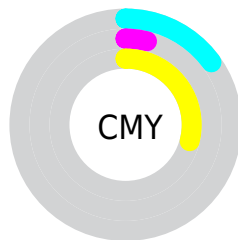


Cyan (11%)

Magenta (0%)

Yellow (26%)

Black (4%)



Cyan (15%)


Magenta (4%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.6365, 0.3323, 0.3979 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 82.6365, 0.3323, 0.3979 by changing the saturation by 10% instead.


 82.6365, 0.3323,
0.3979

 82.6365, 0.3323,
0.3979


503.7743, 0.3241,
0.3657

 61.8903, 0.3339,
0.4053


 137.0662, 0.3296,
0.3867

 44.9441, 0.3359,
0.4144


171.5186, 0.3285,
0.3824

 31.4134, 0.3381,
0.4259


211.3084, 0.3276,
0.3786

 20.9138, 0.3407,
0.4409

256.8202, 0.3267,
0.3754

 13.0610, 0.3435,
0.4612

308.4383, 0.3260,
0.3725

 7.4706, 0.3463,
0.4900


366.5471, 0.3253,


 3.7581, 0.3476,

0.3700


0.5334


431.5309, 0.3247,
0.3678


 1.5392, 0.3610,
0.6390

 0.3161, 0.0000,
1.0000


 82.6365, 0.3323,
0.3979


 82.6365, 0.3323,
0.3979


 80.1270, 0.3392,
0.4271


 85.4376, 0.3248,
0.3698


 77.8870, 0.3451,
0.4566

 88.5301, 0.3172,
0.3434

 75.9082, 0.3495,
0.4850

 91.9273, 0.3095,
0.3191

 74.1771, 0.3519,
0.5110

 93.1831, 0.3132,
0.3185

■ 72.6790, 0.3521,
0.5332

■ 71.3969, 0.3499,
0.5503

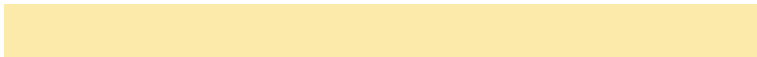
■ 70.3105, 0.3456,
0.5619

■ 69.9018, 0.3434,
0.5656

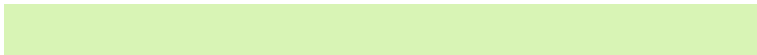
Harmonies

Analogous

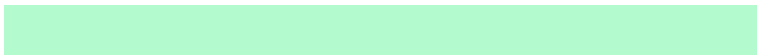
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.6365, 0.3672, 0.3950



82.6365, 0.3323, 0.3979



82.6365, 0.2935, 0.3787

Triad

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



82.6365, 0.3323, 0.3979



82.6365, 0.2422, 0.2787



82.6365, 0.3656, 0.3125

Complementary

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



82.6365, 0.3323, 0.3979



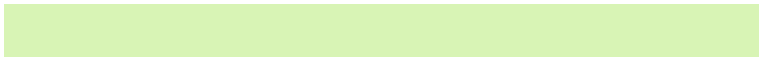
53.1385, 0.2885, 0.2592

Split Complementary

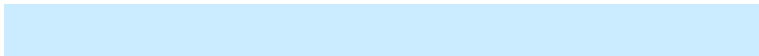
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.6365, 0.3289, 0.2858



82.6365, 0.3323, 0.3979



82.6365, 0.2586, 0.2662

Square

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



82.6365, 0.3323, 0.3979



82.6365, 0.2430, 0.3063



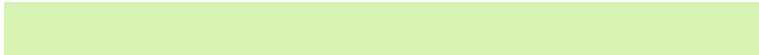
82.6365, 0.2896, 0.2692



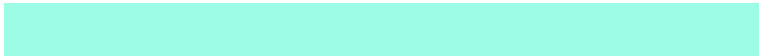
82.6365, 0.3878, 0.3441

Rectangle

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



82.6365, 0.3323, 0.3979



82.6365, 0.2707, 0.3563



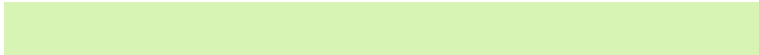
82.6365, 0.2896, 0.2692



82.6365, 0.3544, 0.3028

Sweetspot

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



82.6401, 0.3323, 0.3979



97.0761, 0.3189, 0.3491



67.8313, 0.3607, 0.3583



20.6658, 0.3200, 0.3530



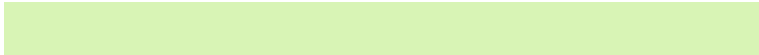
0.0000, 0.0000, 0.0000



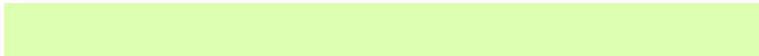
21.4041, 0.3127, 0.3290

Same Dimension

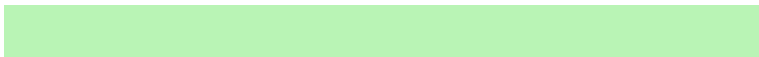
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.6401, 0.3323, 0.3979



89.8483, 0.3360, 0.4132



78.3799, 0.3119, 0.4024



18.9260, 0.3200, 0.3529



38.0901, 0.3444, 0.5647



3.4086, 0.3534, 0.5576

Inverse Universe

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



53.1385, 0.2885, 0.2592



52.1114, 0.2824, 0.2435



58.0739, 0.3124, 0.2640



16.2871, 0.3049, 0.3050



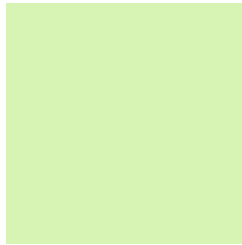
5.3779, 0.1919, 0.0831



0.5326, 0.2058, 0.0907

Previews

White Background



This preview shows how the Yxy color 82.6365, 0.3323, 0.3979 looks on a white background.

Color Contrast Check

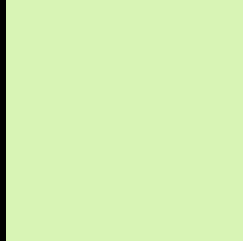
Large Text (above 18pt) WCAG AA × Fail

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 82.6365, 0.3323, 0.3979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

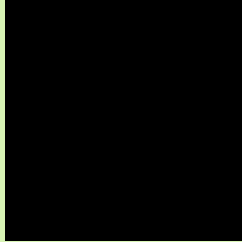
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

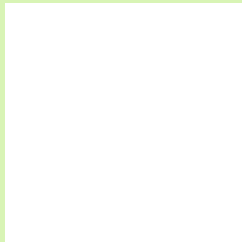
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.6365, 0.3323, 0.3979

Background



This preview shows how black text looks on a background with the Yxy color 82.6365, 0.3323, 0.3979.

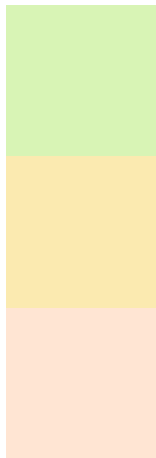


This preview shows how white text looks on a background with the Yxy color 82.6365, 0.3323, 0.3979.

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

82.6365, 0.3323, 0.3979

Protanopia

82.4895, 0.3626, 0.3882

Deuteranopia

82.0018, 0.3430, 0.3472



Tritanopia

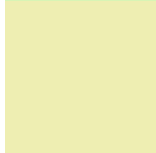
82.8394, 0.2966, 0.3106

Trichromacy



Original Color

82.6365, 0.3323, 0.3979



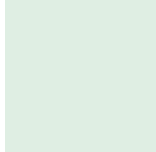
Protanomaly

82.5406, 0.3508, 0.3920



Deuteranomaly

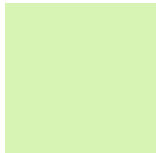
81.7165, 0.3395, 0.3644



Tritanomaly

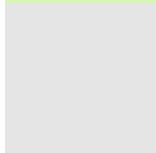
82.3831, 0.3095, 0.3406

Monochromacy



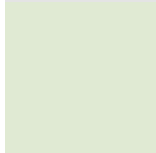
Original Color

82.6365, 0.3323, 0.3979



Achromatopsia

77.5822, 0.3127, 0.3290



Achromatomaly

79.3961, 0.3204, 0.3537

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.6365, 0.3323, 0.3979 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(216, 244, 181)` looks like.

```
.text, #text, p{  
    color:rgb(216, 244, 181)  
}
```

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(216, 244, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 244, 181) }
```

Border

The CSS property to change the border of an element to Yxy 82.6365, 0.3323, 0.3979 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(216, 244, 181) }
```

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

```
.border{ border-color:rgb(216, 244, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 244, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 244, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 244, 181);  
box-shadow:4px 4px 4px 4px rgb(216, 244,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 82.6365, 0.3323, 0.3979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 244, 181) }
```

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

```
.background{ background-color: rgb(216,  
244, 181) }
```

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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