

Converting Colors

$Yxy(86.0972, 0.3308, 0.3971)$

Have a look what the booklet for
Yxy(86.0972, 0.3308, 0.3971)
contains.

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Color

Yxy(86.3142, 0.3312, 0.3979)

Conversions

Conversions Part 1

Format	Color
Hex	DBF9B9
RGB	219, 249, 185
RGB Percent	86%, 98%, 73%
CMY	0.1412, 0.0235, 0.2746
CMYK	0.12, 0.00, 0.26, 0.02
HSL	88°, 84%, 85%
HSV	88°, 26%, 98%
XYZ	71.8453, 86.3142, 58.7648
YIQ	232.7340, 2.6640, -26.2640

Conversions

Conversions Part 2

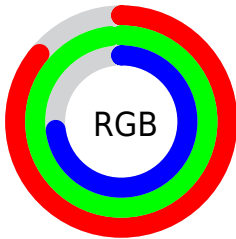
Format	Color
RYB	185, 249, 215
Decimal	14416313
CIELab	94.45, -20.60, 27.59
CIELCh	94, 34.429, 126.742
Yxy	86.3142, 0.3312, 0.3979
Android (android.graphics.Color)	4292606393 (0xFFDBF9B9)
YUV	232.7340, -23.5329, -12.0447
Hunter-Lab	92.9054, -24.5474, 27.5315

Details

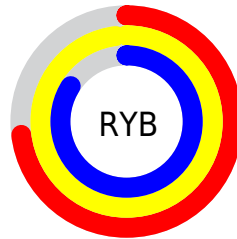
The Yxy color **86.3142, 0.3312, 0.3979** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **55.9787, 0.2898, 0.2597**, and the grayscale version is **81.4555, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **47.1517, 0.3338, 0.4129** is the 20% darker color. If you saturate the color by 10%, you get **83.6097, 0.3377, 0.4274**, and if you desaturate by 10%, it is **89.3373, 0.3241, 0.3696**.

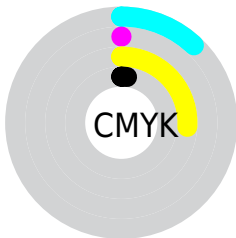
Distribution



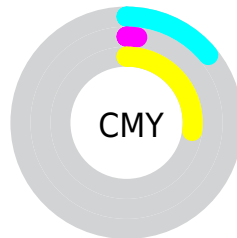
- Red (86%)
- Green (98%)
- Blue (73%)



- Red (73%)
- Yellow (98%)
- Blue (84%)



- Cyan (12%)
- Magenta (0%)
- Yellow (26%)
- Black (2%)





- Cyan (14%)
- Magenta (2%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.3142, 0.3312, 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 86.3142, 0.3312, 0.3979 by changing the saturation by 10% instead.


 86.3142, 0.3312,
0.3979

 86.3142, 0.3312,
0.3979

515.9667, 0.3236,
0.3660

 64.9278, 0.3327,
0.4052

 142.2079, 0.3287,
0.3868

 47.4026, 0.3345,
0.4141


177.4839, 0.3277,
0.3825

 33.3540, 0.3365,
0.4254


218.1587, 0.3268,
0.3788

 22.3978, 0.3388,
0.4400

264.6166, 0.3260,
0.3756

 14.1495, 0.3413,
0.4597

317.2419, 0.3253,
0.3727

 8.2247, 0.3437,
0.4874


376.4191, 0.3247,


 4.2391, 0.3445,


0.3702


0.5285

442.5325, 0.3241,
0.3680


 1.8082, 0.3629,
0.6371


 0.4923, 0.0000,
1.0000


 86.3142, 0.3312,
0.3979


 86.3142, 0.3312,
0.3979


 83.6097, 0.3377,
0.4274


 89.3373, 0.3241,
0.3696


 81.2003, 0.3432,
0.4572

 92.6792, 0.3169,
0.3432

 79.0766, 0.3472,
0.4861

 96.0485, 0.3124,
0.3233

 77.2244, 0.3493,
0.5126

 96.2352, 0.3130,
0.3233

■ 75.6275, 0.3491,
0.5352

■ 74.2679, 0.3467,
0.5527

■ 73.1234, 0.3421,
0.5646

■ 72.6853, 0.3397,
0.5684

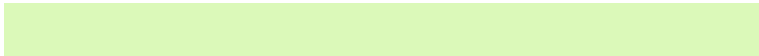
Harmonies

Analogous

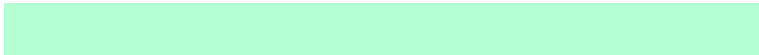
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.3142, 0.3665, 0.3956



86.3142, 0.3312, 0.3979



86.3142, 0.2923, 0.3780

Triad

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



86.3142, 0.3312, 0.3979



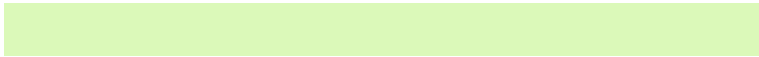
86.3142, 0.2422, 0.2779



86.3142, 0.3667, 0.3134

Complementary

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



86.3142, 0.3312, 0.3979



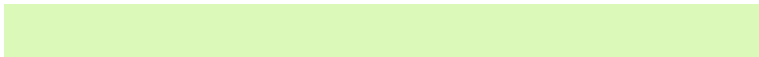
55.9787, 0.2898, 0.2597

Split Complementary

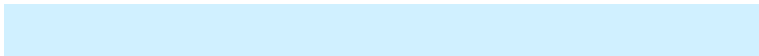
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.3142, 0.3301, 0.2864



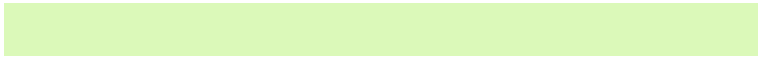
86.3142, 0.3312, 0.3979



86.3142, 0.2592, 0.2658

Square

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



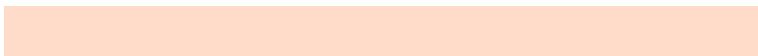
86.3142, 0.3312, 0.3979



86.3142, 0.2425, 0.3052



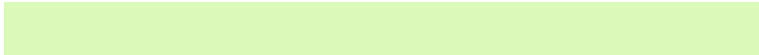
86.3142, 0.2906, 0.2693



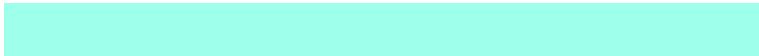
86.3142, 0.3884, 0.3451

Rectangle

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



86.3142, 0.3312, 0.3979



86.3142, 0.2697, 0.3553



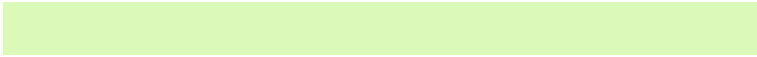
86.3142, 0.2906, 0.2693



86.3142, 0.3556, 0.3036

Sweetspot

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



86.3180, 0.3312, 0.3979



96.9866, 0.3186, 0.3491



72.1744, 0.3599, 0.3604



20.6432, 0.3196, 0.3530



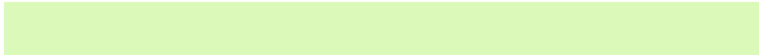
0.0000, 0.0000, 0.0000



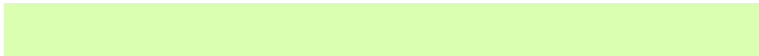
21.4041, 0.3127, 0.3290

Same Dimension

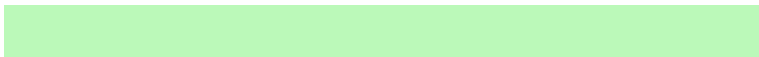
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.3180, 0.3312, 0.3979



89.5506, 0.3347, 0.4135



81.8376, 0.3106, 0.4024



19.7632, 0.3196, 0.3529



38.9906, 0.3409, 0.5675



3.6743, 0.3496, 0.5606

Inverse Universe

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



55.9787, 0.2898, 0.2597



52.3969, 0.2839, 0.2438



61.2839, 0.3141, 0.2645



17.0418, 0.3053, 0.3050



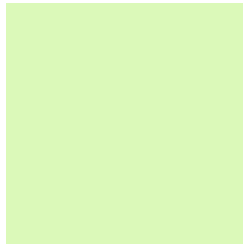
5.7572, 0.1962, 0.0855



0.5957, 0.2093, 0.0927

Previews

White Background



This preview shows how the Yxy color 86.3142, 0.3312, 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 86.3142, 0.3312, 0.3979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

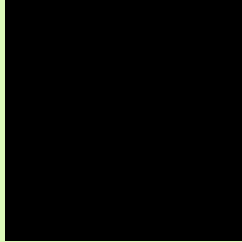
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

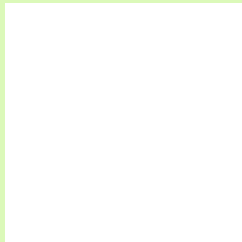
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.3142, 0.3312, 0.3979

Background



This preview shows how black text looks on a background with the Yxy color 86.3142, 0.3312, 0.3979.

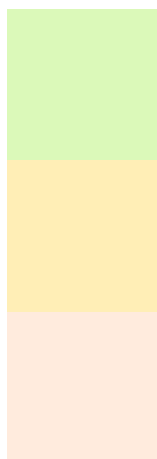


This preview shows how white text looks on a background with the Yxy color 86.3142, 0.3312, 0.3979.

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

86.3142, 0.3312, 0.3979

Protanopia

85.7865, 0.3605, 0.3853

Deuteranopia

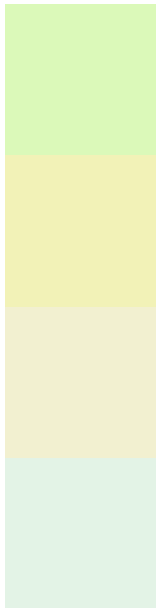
85.8971, 0.3354, 0.3430



Tritanopia

85.9419, 0.2980, 0.3129

Trichromacy



Original Color

86.3142, 0.3312, 0.3979

Protanomaly

85.8004, 0.3496, 0.3900

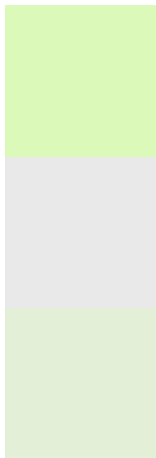
Deuteranomaly

85.7515, 0.3341, 0.3619

Tritanomaly

86.1452, 0.3101, 0.3425

Monochromacy



Original Color

86.3142, 0.3312, 0.3979

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

83.1849, 0.3196, 0.3532

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.3142, 0.3312, 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(219, 249, 185)` looks like.

```
.text, #text, p{  
    color:rgb(219, 249, 185)  
}
```

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(219, 249, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 249, 185) }
```

Border

The CSS property to change the border of an element to Yxy 86.3142, 0.3312, 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(219, 249, 185) }
```

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

```
.border{ border-color:rgb(219, 249, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 249, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 249, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 249, 185); box-shadow:4px 4px 4px 4px rgb(219, 249, 185) }
```


Background

The CSS property to change the background color of an element to Yxy 86.3142, 0.3312, 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(219, 249, 185) }
```

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

```
.background{ background-color: rgb(219,  
249, 185) }
```

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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